G. R. S. IX-5]

Previous references.

Sl 43-17 8817, 19, 20. B 0-ct-17
Sl 43-17 8822-26. B Nov 17. 1917

(Med)

File No. 43-17

Serial Nos. 1, 14-9, 11-16 18 21, 25-28 + 34

Later references.

Med 43-17 (35-36)

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1, 14-9 ; 11-16, 18, 21, 25-28 + 34

Part B for April 18

SUBJECT.

Out break of enteritis & an epidemic form among the inmates of the Lunatic Asylum + arrangement for improving the management of the Lunatic asylum in view of the defects noticed in connection therewith

---

G O No. 5600-3. R 4. 6. 1918. To the Senior Surgeon Comptr, Chief Engr Hyderabad Bangalore City Mill

Passes orders approving of the proposal & take the duties under Lunatic Asylum & sanctions the payments allowances & the permt + temply staff &c off working in the above connection with the several observations

W D-88—GPB—50,000—24-7-16

26/4/18

G. R. S. III—1] 1917

GENERAL AND REVENUE SECRETARIAT.

(Medl)

NOTES.

File No. 43/17

FILE HEADING.

Out break of enteritis in the Lunatic Asylum Bangalore

From

The Senior Surgeon

No. Dated 3.9.17 Received 3.9.17

Diary No.	Enclos.	Spare Copies.	Serial No.
Nil 524-17			

BRIEF ABSTRACT OF LETTER.

Forwards the report of the Superintendent of the Lunatic Asylum stating that enteritis in an epidemic form has broken out among the inmates of the Lunatic Asylum and that every endeavour is being made to ~~stop~~ prevent the spread of the epidemic

NOTES AND ORDERS.

Secys order.

Submit at once for the information of 2nd member and Dewan" (Sd) BR 3.9.17.

The Source of infection or the probable causes of the epidemic have not been indicated Subsprade

NOTES—First Sheet. KP BRM 3.9.17 3-40 Pm

WD 1232—GPB—20,000—18-11-16

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Secret File No. 43 of 1917-18

Serial No.	
2	The matter has evidently come to the notice of the Sr. Surgeon. Subd for perusal. MK 3/9
8/9 4-9-17	2nd Member } Dt Dawson }
3	Such enquiry as may be made by the Sanitary Com. 4 4/9 MK
4	Resubmitted with an appeal communication received from the Sr. Surgeon in the connection. After perusal it will be subd & Dawson also. MK 4/9
118 4-9-17	2nd Member } 5 Dec 6/9 5-9 MK
1422 5-9-17	6 Secy. The matter requires continuous watching — A report may be subd & the Ship after hearing finally from the Senior Surgeon. 9.9.17 CO
7	Reply to Sr. Sur. ack. the letter & observing that his further reports awaited at an early date. USK 10/9/17
	The further report discloses the alarming fact that the Surgeon examined [illegible] was tested ! A table of reports required to be returned on the attached from the S. Surgeon of personal examination the personnel [illegible] 1917 Dawson at Mal HI & the Examined 4/8 Co

NOTE—Contn. sheet[s] necessary [illegible] MK

(9) Submitted

No action appears to be necessary on this file now. Govt. orders have already issued in another connection and a report from the Asst. Surgeon is due. The Asst. Surgeon has again been written to this day in another connection. The letter under disposal in this file may either be recorded or included in the correspondence in the other file.

Recorded

13/9

T.T.O

Please see para 3 of the note. Should the Sanitary Commr be requested to investigate into the outbreak of the disease?

(10)

Include in other correspondence. We may order investigation after getting final report. There may be difference of opinion as to whether Sanitary Commr is ordered to investigate or not.

MK 14/9

CSK 15/9/17

MM

614 3

WD 123? GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Red File No.

Serial No.	
	& Submitted with draft for appvl. 7K 13.9.17
1A	From The Senior Surgeon. No. 176-2d 3.9.17. Forwards a detailed report of the Supdt Lunatic Asylum re the outbreak of enteritis among the inmates of the Asylum and states the several measures ordered for preventing the Spread of the Epedaume and that daily reports of attacks & deaths will be Subd to Govt.

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No. 2

From

The Senior Surgeon No G.C 176-3 & 4-9-17.

Reports that fresh cases of enteritis have occurred in the Lunatic Asylum and that the total number of attacks and of deaths from the commencement of the Epidemic is 20 and 10 respectively

From

3 The Same officer No C 176-4 & 4-9-17

Suggests the immediate removal of lunatics to the Magadi Health Camp and requests the issue of necessary instructions issued to the Municipal President the Sanitary Comm & the P W Dept to make the necessary arrangements for accommodating the lunatics in the Magadi Health Camp-

11 May the Senior Surgeon the Sany Commr the Chief Engineer and the Municipal President be requested to meet ~~confer~~ at once and decide the steps to be taken immediately

Vish 1.8.17

(12) Submd for orders with Draft

K.P. P.M.M. 5-9-17

(13) Please see the form of draft order suggested by me. Have a pen draft of the order made & submn. Way

M.K. 5-9-17

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Ins. File No. 43 of 1917-18

Serial No.

Two alternative draft orders are suggested for favour of approval or other orders

(Genl Secy) MC 5.9.17

(15) Draft A seems suitable and may be appd

6.9.17. M

153 6.9.17

2nd member & Dewan

(16) Corrected draft (B)

(17) The subject heads are too much of routine channels

(18) The removal of the lunatics to the Lepers Asylum Camp requires that the Camp be made suitable for them the best place

(19) Please issue an urgent Communication to the authority in charge to place the Camp buildings at the Surgeon's disposal and to evict the Camp cultivators at once

(20) The no. to be removed is not reported

(21) Letter to go immediately to the Surgeon Genl Camp the Ofr in for the needful being done at once

NOTE—Contn. sheet.

Asst Secy Please take further action as directed— XX 7.9.17

(22) Issued as under by Genl Camp Colombo outstation

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat.

Misc File No. 43 of 1917-18

Serial No.

(23) Issue advance & submit to Dewan

12
7.9.17

To

4

The Senior Surgeon
" Sanitary Commr
" I.G. of Police
" Chief Engineer
" Sanitary Commr

} No 1521-7 dt 7.9.17

Approves of the proposal to shift the inmates of the Lunatic Asylum to the Mayadas Health camp and directs that the necessary facilities be immediately provided for by the P.W. Deptt & the Police Deptt

(24) Submitted to the Dewan as directed by the Secretary

K.P.
7.9.17.

1478
8/9/17

(25) Seen
11.9.17

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | med File No. 43 of 1917-18

Serial No. 5

From

The President Municipal Commissioner

Bangalore city-No 68 dt 8-9-17

States that he has issued orders to place the Contact Camp on the Magadi road at the disposal of the Senior Surgeon and that the public of Bangalore will be greatly inconvenienced if they are deprived of the accommodation in the Contact Camp-

(27) The previous papers on the subject are before the Dewan Submitted for orders

KP

10-9-17

(28) The Sr. Surgeon may be requested & state if he can propose some other suitable accomodation for housing the inmates temporarily in case the Health sheds have to be made available for Contacts ~~Camp~~ the Lunatic asylum requires also to be thoroughly disinfected and then were cleaned up

(Genl Secy)

DMK

10/9

(29) I believe the occupation will be temporary say for a week or two.

(30) The President's letter may be sent on to the Sr Surgeon with the observation that the Contact Camp should be vacated as early as possible on suitable arrangements

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

664

General and Revenue Secretariat. | Med File No. 43 of 1917-18)

Serial No.

made or suggested in consultation with the President to obviate inconvenience

1st member)

1079/11/9

Yes
Lees

14/9

14/9/17

14/9

As. IV

(32) Please write to S^r & S^n angly

17/9/17

(33) Draft Submitted

12/9

(34) Please issue revised draft, & Keep a spl draft in the file

18/9

Do

6 The Senior Surgeon No. 1727 & 14.9.17

forwards a copy of the Letter received with Sl: 5 and requests him to suggest other suitable arrangements in consultation with the President of the Bangalore City m^l C^l in case the Contact camp is required for the use of the Public before another week or fortnight

Do

The President, City municipal Council Bangalore
No 1728 & 14.9.17)

forwards a copy of the above with reference to his letter received with Sl: 5

PTO

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

a

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No. 7

From

The Senior Surgeon No G.C 176-12 dated 14.9.17.

States that samples of evacuations of patients in the Lunatic Asylum sent to Madras for bacteriological examination are reported to have contained Cholera Vibrios while the samples sent to the local public Health Institute on previous occasions were certified to contain no such ~~Vibrios~~ Vibrios and that the Asylum buildings will be evacuated after the Magadi Road Camp is ready for occupation

(35) The evacuations sent to the Public Health Institute and those sent to Madras for examination were of different patients & of different dates Submitted

KP Offr
17.9.17
Asst Secy

MK 17/9

(36) Drafts as reqd one to Sr Surgn and one to Sanitary Commr are hereto Submitted Please see para 2 of note

Asst Secy

MK 18/9

(37) Issue

MK 21/9

NOTE—Contn. sheet.

AD 1253—G.P.E.—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | hcd File No. 43 of 1917-18

Serial No.	
8.	The Senior Surgeon. No. 1771 & 21.9.17 Requests him to conduct a personal investigation into the outbreak of enteritis at the Asylum and Submit a full report to Govt at an early date
9.	Do The Sanitary Commissioner No 1772 & 21.9.17 Forwards a copy of the letter received withdr 7 and requests him to furnish an explanation for the difference in the results reported by the Kings Institute, Madras and the Public Healt Institute, Bangalore.
	From
11	The Sanitary Comm. No C Des 198 & 27.9.17. Reports that the examination of evacuations of patients in the Lunatic Asylum does not show the presence of Cholera bacillus though the Guindy Institute at Madras report the existence of such bacillus and explains the probable circumstances for the variations in results and adds that Shiga bacillus are found in the samples sent them
	From
12	The Senior Surgeon. No G.C 243-2 & 29.9.1 Reports the results of the investigation held into the nature and cause of the outbreak of the epidemic in the Lunatic Asylum and the steps taken to prevent its spread

NOTE—Contn. sheet.

JD 1223—GFB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-(8)

Serial No. 13

From

Nee Sanitary Comm No 9.C. 183-2 & 29.9.17.

Forwards an extract from the Madras Mail dated 27th Sep 17 regarding the observations abmt the efficiency of the Local Laboratory and requests permission to issue a press Communique on the subject giving all the correct details

(40) The report of the Senior Surgeon shows that the investigation into the nature of the disease is still incomplete and that the Health Camp on the Magadi road has not been completely filled up to admit of all the lunatics being removed immediately.

PHD No I

Do flagged A

(41) As regards the precautions taken for the spread of the disease the details have not been furnished ~~exce~~ except that it is stated that the patients are being removed to the Epidemic Diseases Hospital and that the Asylum premises are being disinfected.

(42) Orders are solicited whether the Public Works Department may be asked to complete the arrangements immediately and the Senior Surgeon to take steps for the immediate removal of all the lunatics

Mc P.W.D. No

Mc P.W.D.

KO
1.10-17

NOTE—Contn. sheet.

JD 1233–GPB–60,000—1-12-16—S.

870

G. R. S. III-2]

General and Revenue Secretariat. | Medl File No 43 of 1917

Serial No.

III

(43) Draft D O s to the Chief Engineer and the Senior Surgeon are put up for approval in view of the last sentence in the memo forwarded to the Resident yesterday

K J Orr
3/10/17

(44) attention is kindly invited to San/Jones letter No 9.C.183.2 dy 25.9.17 (p.w.d 3) orders are solicited whether the San/Jones may be permitted to issue a press communique as proposed by him but after approval of the draft by Govt

Secy
3/10

The drafts may be issued after the Senior Surgeon may be asked to issue a statement to the Press giving correct account of the matter

2nd member
4/10

1314
4.10.17

(46) The Press Communique is to be issued from the Secretariat

Secy
3/10/17

5.10

D.O s having issued the file is submitted to Govt for displ.

(47) Asst Secy IV
The draft are

3/10

NOTE—Contn. sheet.

047

JD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat.

Med File No. 43 of 1917-cd.

Serial No. 14 +15

From

The Senior Surgeon. N^os G. C. 243-3 and dated C 243-4 dated 6^th and 8^th Oct 1917

States that the epidemic that prevailed in the Lunatic Asylum during the latter part of August and the month of Sep 1917 was Cholera and that the inmates have been inoculated with anti Cholera serum Their removal hence postponed till the needful arrangements are completed

(49) The Cause of the Epidemic is traced to the fish got from Madras In this Connection attention is invited to the first report of the Superintendent of the Asylum which was Submitted to the Senior Surgeon 9 days after the first case occurred The patients attack K.P. say attributed the cause to the fish 8/10/17

(50) The result of this further enquiry may be communicated to the Residency

(51) It seems unnecessary to issue any Press Communique

2nd member)

CSB 9/10/17

2/8 9.10.17

(53) Brig Gen Mason that the hospital and farm Dairy and be taken possession of by the Govt & report

NOTE—Contn. sheet.

JD 1203—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat.

Med File No. 43 of 1917-18

Serial No.

Lastly the 1st report was sent 9 days after the Commencement of the outbreak

(54) Draft at next flr
10/10

(55) Draft Submitted for orders
KP 11/10/17

(56) Issue
11/10

16 To
The Senior Surgeon No 2195-8 12th Oct. 1917.

Requests him to obtain from the Supdt, Lunatic Asylum an explanation for the delay in making the first Report nearly 9 days after the Commencement of the outbreak as also the particulars of the precautionary measures he took during the interval for the prevention of the spread of the epidemic and to forward the same to Govt at an early date

18 From the Chief Surgeon. No 11188/2 8 10.10.17

Reports that all the necessary arrangements first pointed out by the Supdt Lunatic Asylum for lodging the lunatics in the Contact Camp on the Magadi road were completed on the 25th ultmo and that the ~~subsequent~~ arrangements proposed subsequently are expected to be completed early

NOTE—Contn. sheet.

994

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No.

(57) This information was called for in D O No 2048 dated 5th Oct 1917 Submitted for perusal

KP 13.10.17

MK 16/10

Chief Sec[y]

2nd member)

118 22.10.17

(58) The Supt had to make 2 reports without specially stating the reasons necessary. This by the cause of the delay.

(60) The explanation called for may be awaited

Y 27/10

(61) As the explanation has not as yet been received draft reminder is put up

KP 7.11.17

(62) Seen MK 8/11

One Senior Surgeon No. 2656 d 12-11-17 Requests him to obtain from the Superintendent of the Lunatic Asylum the explanation called for in Sl 16 and forward the same Supt early

NOTE—Contn. sheet.

1168

JD 1233—GPL—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No. 21

From

The Senior Surgeon No. G.C. 318 dt 9-11-17

Requests sanction for bringing back the Indian male lunatics from the ~~Magadi~~ Contact-Camp on the Magadi Road to the Lunatic Asylum and for 3 bills amounting to Rs 101-8-4 on account of the temporary establishment entertained to meet the special requirements

(63) Draft put up for approval or other orders

K.P. 12-11-17

(64) Senior Surgeon's letter and the proposal made therein are submitted for orders. If the removal is ordered, a more elaborate order covering the whole matter may perhaps be issued pointing out the delays in giving effect to Govt orders etc

(65) Proposals may also be called for from the Senior Surgeon for guarding against such occurrences in future ~~etc~~ and suggestions for improving the present condition of the lunatic asylum

DDK 12/12/17

Chief Sec

(66) The present proposals may be approved

(67) After the explanation that has been called for is received an order reviewing the

NOTE—Contn. sheet.

AD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Mid File No. 43 of 1917

Serial No.

whole matter & indicating future action may be passed

(38) It is a question as to what portion of the ~~extra~~ expenditure incurred in fitting up the camp may be recouped by sale of materials &c, if the work is unnecessary for the use of the camp for a Contract camp &c

(2nd number)

CBS
18/Jan/17
MMS

261
4.11.17.

(39) The reason having a report was on the small matter

(40) The CMH who inspected had also a report — a lot of work & money had been spent there & there have been several thousands of rupees also reported of the asylum premises have been thoroughly repaired & inspected & are now safe for re-occupation

Is there any proposal to build a new Lunatic asylum

(41) The file for putting up temporary Magazine should have been submitted forthwith which I would delay in securing which I pray please see orders in that file

about 20 000

16:11

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2

General and Revenue Secretariat. | Secret File No. 43 of 1917—8

Serial No. (23)

Draft calling for information required in para 70 above as put up as directed on the slip at page 6 of the notes in the Lucknow file

K.P.
19.11.17

Secretary
M.K.
9.11.17

To

25 The Senior Surgeon No 2802 & 19.11.1917

Requests him to furnish information as to whether the Lunatic Asylum has been made fit for reoccupation of the Lunatics and what expenditure has been incurred for fitting up of the camp by the P.W.D for the accomodation of the Lunatics

From

26 The Senior Surgeon. No G.C 318-15 & 4-12-17.

forwards copies of Communications from the Supdt Lunatic Asylum explaining the precautionary measures taken by him prior to the submission of the first information report and states that the Serious Sensation could possibly have been ~~avoid~~ prevented if the first few cases had been properly recognised and immediate steps taken to segregate the

From

27 The Senior officer No-318 dt 4.12.17

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917—8

Serial No.

reports that the Indian male lunatics may safely be retransferred to the Lunatic Asylum as the premises have been thoroughly repaired and made fit for reception and requests sanction to incur certain expenditure on account of the temporary establishment allowances to the permanent establishment details for & 2, giving details for the total Cost in This is unnecessary
74 The first of these two Communications is with reference to Sl 16 & the second gives the information required in 6626 para 70 of the notes above

(75) The Senior Surgeon requires orders on the following

(1) For the shifting of the Indian male lunatics back to the Asylum from the Camp & incidental expenses thereon

(2) For the payment of allowances to the permanent Staff told off for duty at the Camp

(3) For the disbursement of pay to the temporary Staff

(76) If approved a record of the whole matter will be attempted after orders on the above points issue

NOTE—Contn. sheet.

K P Bhn
8/12/17 Chief Secy

MK
8/12/17

1357

AD 1223—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Ind File No. 43 of 1917-18

Serial No.

(77) Draft ado submitted as personally instructed by Chief Secy

MS
19.12.17

2nd Member

69
18.12.17.

(78) The draft order may be issued in Council as very important questions regarding the Industry hydro-electric are involved. Immediate echo is necessary

(79) In the meantime the remaining minor matters may be disposed of by a demi-official instructions - letter finally confirmed in the official file.

HJ
19.12

Asst Secy IV

(80) Please put up Do of 5th as desired in para 2 of the Member's note before issue the Do before issue

(81) Then submit file for taking orders for cancellation &c

CH
19/12/17

(82) Draft Do submitted for approval as regards Expenditure of Rs 615-14-1 intimation will have to be sent to the Comptroller

NOTE—Contn. sheet.

WD 1239—G P B—60,000—1-12-16—S.

1358

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No.

for payment of the said allowances may a Copy of the do be sent to him as well as to the D.P.W.

MK 19.12.17

Chief Secy)

(83) Yes with suitable covering letters (Do)

CBS 19/12/17

(84) Issue 3 000

MK 20/12

(85) The 80 letters having issued the file is resubmitted as directed in para 81 above

KP BSM 22.12.17

Chief Secy)

MK 22/12

The file may be circulated & considered at a meeting of Council

CBS 2/1/18

3426 3.1.18

Dewan

Yes HH 14.1.18

C.S.

Circulate.

CBS 15/1/18

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

22

31

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917-18

Serial No. 28

From

The Senior Surgeon. N° Q.C 318-24 & 25

31 Dec 1917

Reports that all the lunatics that were lodged in the Camp outta Magadi Road were taken back to the Asylum premises on the evening of the 23rd Dec 1917

The main file outtie subject was submitted to the Dewan yesterday. Subd for information

K.P. 3.1.18

2nd Member)

113. 4.1.18.

4/1/18

8-1

NOTE—Contn. sheet.

(For Disposal at a Meeting)

No. C. 407

26/1/.....1918.

GENERAL AND REVENUE SECRETARIAT.

COUNCIL MATTER.

SUBJECT.

(Clause v of the Schedule)

Notice to be taken of the conduct of the Superintendent of the Lunatic Asylum in connection with the outbreak of cholera among the inmates of the Asylum.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

C S Balasundaram

23rd January 191 8

Chief *Secretary to Government.*

Extraordinary Member of Council.

4.2.18.

First Member of Council.

Second Member of Council. Seen.

WD 2670—GPB—1,000—11-5-17

Confidential 24

Extract from the Proceedings of the 441st *Meeting of the Council of His Highness the Maharaja, held at Bangalore on the* 14th February 1918.

10. Subject.-Clause x of the Schedule.

Arrangements for improving the management of the Lunatic Asylum, Bangalore, in view of the defects noticed in connection with the outbreak of cholera there.

OPINION OF THE COUNCIL.

The draft order may be approved.

Sd. M.Visvesvarya,
Dewan of Mysore.

"EXTRACT"

Chief Secretary to Government.

GRSM. 508

Confidential

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

1531

General and Revenue Secretariat. | File No. of 191

Serial No.

To the Assistant Secretary, Branch IV

for kindly submitting the file to the ~~Extraordinary~~ Member of Council with a draft Final Note.

CBK
15/2/18

Draft Final Note Submitted.

MMS
16/2/18

H.E. The Extraordinary Member

Typed final note circulated by the Extraordinary Member put up

21-2-18

DSen Submitted

Dewan

CBK
27/2/18

To Pol. Dept. 4870 14.3.18

8/3/18

P.T.O.

NOTE—Contn. sheet.

F I N A L N O T E.

These papers relate to the unfortunate outbreak of an epidemic of cholera in the State Lunatic Asylum - during the latter part of August 1917 which continued till nearly the end of September. The epidemic resulted in 50 attacks and 34 deaths.

2. The outbreak was first reported to Government on the 2nd September 1917 in Senior Surgeon's letter No. A. A more detailed report stating the precautionary measures taken was received on the 3rd idem. On the 4th idem, the Senior Surgeon suggested the removal of the lunatics to the Magadi Health Camp and this was sanctioned as also the necessary works to make the camp suitable to the requirements of lunatics. When these were partly completed, on the 29th and 30th idem, the Indian male lunatics were removed there. The lunatics were further inoculated with anti-cholera serum. No further cases occurred after these precautions were taken.

3. On the 9th November 1917, the Senior Surgeon reported that the lunatics might safely be taken back to the Asylum and the contact camp handed over to the Municipality and he was informed demi-officially that he might do so and that formal orders would issue later on. The Asylum was thoroughly disinfected and made safe for re-occupation and the Indian lunatics removed from there were re-transferred to it on the 23rd December 1917.

4. The outbreak of the epidemic was first attributed to the fish supplied in the diet to the inmates and the disease was for sometime not properly diagnosed. The - - samples of evacuations of the patients sent to the Public Health Institute were declared not to contain any cholera bacillus and even on cultural examination, they were -

B not found to contain any bacillus which would produce the kind of disease by which the patients were being attacked. To have the results verified, two samples of evacuation were sent to the King Institute at Madras and both were found to contain cholera Vibrio. Owing to the difference between the local Institute and the King Institute in the results obtained, six samples - were sent to the Parel Laboratory at Bombay and in four of them cholera bacilli were found to be present. The epidemic was thus definitely ascertained to be one of cholera.

C

5. During the enquiry into the cause of the outbreak and the large number of deaths consequent thereon it was brought to the notice of Government that there was some avoidable delay on the part of the Superintendent in sending the first information report and that he displayed lack of promptitude and indifference in - - handling the matter.

D

Draft for approval

6. The draft order reviewing the case in full and containing the necessary observations regarding the conduct of the Superintendent in the matter was discussed in Council and has been approved.

21. 2. 18.

Submitted to His Highness.

I submit herewith a Final Note by the Extraordinary *Member of Council on the subject of* arrangements for improving the management of the Lunatic Asylum, Bangalore, in view of the defects noticed in connection with the outbreak of cholera there *for His Highness' gracious approval.*

M. Visvesvaraya

Dewan.

16 March 1918.

C.407

15.3.29

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

Arrangements for improving the management of the Lunatic Asylum, Bangalore, in view of the defects noticed in connection with the outbreak of cholera there.

1046.

Order.

~~KRW~~
19/3/18

Chief Secretary
20 3 18

109
20.3.18

20.3.18

3336
21/3

22/3

26/3

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 43 of 1917.—8

Serial No. 34

To

The Senior Surgeon.
" Comptroller
" Chief Engineer
" Hony. President, Bangalore cantt.

G.O. No 3600-3 dated 4th April 1918

Approves the proposal to take the Indian male lunatics back to the asylum and Sanctions the payment of allowances to the permanent as well as the temporary staff told off for duty at the camp with the following observations (1) That the contact camps should be handed over to the municipality the temporary structures being removed by the P.W.D. (2) That the S.S is requested to send up suitable proposals to supply a separate building within the Asylum premises for a Hospital or for isolation and rectify other defects if any (3) That necessary instructions should be issued to ensure prompt intimation of all extraordinary occurrences affecting the lunatics of the C.T.M. Station in the Asylum to the official visitors of the C.T.M. Station etc

NOTE—Contn. sheet.

WD A 1789—GPB—60,000—20-3-18—S.

N 485/11,

D—O. No. 7492a

BANGALORE
29th September 1917

My dear Sir M. Visvesvaraya,

I have learnt to-day from the report of the official visitors to the Bangalore Lunatic Asylum, that an epidemic of cholera has been going on there for about a month in the course of which there have been nine seizures and six deaths among the patients from the Civil and Military Station.

A copy enclosed for information.

I shall be much obliged if you will kindly let me know the cause of the outbreak and what precautions have been taken, or are under contemplation, by the Darbar to put a stop to the epidemic.

Yours sincerely,
H. V. Cobb

Sir M. Visvesvaraya, K.C.I.E.,
Dewan of Mysore.

marks by the Official Visitors of the Civil and Military Station of the Lunatic Asylum met on 28-9-17.

	Europeans				Natives				Observation cases				Total			Remarks
	Civil		Criminal		Civil		Criminal		Europeans		Natives					
	M	F	M	F	M	F	M	F	M	F	M	F	Males	Females	Total	
Remained on last return dated 28-8-1917.	5	13	1	-	16	16	4	-	-	-	2	1	28	30	58	
Admitted since	-	-	-	-	3	-	-	-	-	-	3	-	6	-	6	
Total	5	13	1	-	19	16	4	-	-	-	5	1	34	30	64	
Discharged or transferred.	-	1	-	-	2	5	-	-	-	-	4	1	6	7	13	Attacks. M. 2. F. 7. T. 9 Deaths 1 - 5. 6
Died.	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	
Remaining on 28-9-17.	5	11	1	-	17	11	4	-	-	-	1	-	28	22	50	* 1 escaped

Admitted for observation :- 3 . Md. Saliah, Rangappa, Abdul Samad.

---do-- from observation :- 3) Domkard Abdulla, Mahamad Saliah,
) Thippadu (escaped & not yet caught)

Discharged or transferred - Rangappa - Thimmakka.

Transferred.

Abdul Rahim,
Ramayya Chetty
Beerappa,
Andachi
Enasiamma
Govindamma
Mrs. Beekett.
Saloma (obs)

Died.

Abdul Rahim - Andachi
Miss Budget Brown - Enasiamma
Mrs. Beekett - Saloma.
None of the Lunatics appear to be fit for discharge.

Sd/- E.H.S.James,
F.A.R.

(16)

Civil and Military Station. (9 cases
(6 deaths.

There has been an epidemic of cholera in the Asylum during the the last month. 50 cases have occurred with 34 deaths. The origin of the epidemic has not been ascertained. The inmates are to be removed to the Magadi Road Camp within a few days. It is unfortunate that the evacuation of the Asylum could not have been effected -- sooner. There is no separate building within the Asylum for a -- hospital nor for isolation. It is I think desirable that a new -- Asylum on modern principles should be built as soon as possible.

The epidemic commenced on August 24th. I was only informed 3 days ago. It seems doubtful whether the Epidemic Diseases Hospital to which cholera cases during this epidemic have been sent from the Asylum is a suitable site for the camp to which the inmates are now being removed.

Sd/- G.H.D.Gimlette,
Lt.Col. I.M.S.,
28-9-1917.

I agree entirely with the above note of Col. Gimlette. In addition I think that early intimation of the epidemic ought to have been sent by the Asylum Authorities to the Residency Surgeon. I am glad to see that a table has been provided in the European kitchen in accordance with my suggestion when last I visited the institution. I would make a further suggestion, i.e. that the table be covered with a zinc sheet.

Sd/- E.H.S.James,
First Assistant Resident.

28-9-1917.

Issue 9

(17)

My dear Mr. Cobb,

I am in receipt of your D.O. letter No.7492 dated the 29th September. The occurrence of an epidemic in the Lunatic Asylum is unfortunate. But the Durbar officers have taken all necessary action to prevent a spread of the disease. The matter has been receiving active attention from His Highness Government since the time it was brought to their notice in the beginning of September. I had met the Senior Surgeon on Friday last.

I am leaving this afternoon for Nandi Hill for four days. But a reply to your letter will probably be sent to you before I return.

Yours sincerely,

Dewan

1/10/17

W. D. 791—GPB—2,000—2-10-15

REPLY.

To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated 1st October *191*

D.O. letter No.7492 dated the 29th September 1917 from the Hon'ble the Resident in Mysore, regarding the occurrence of cases of cholera in the Bangalore Lunatic Asylum.

Forwarded to the Secretary, General Department, for favour of necessary action. I shall be obliged if a draft reply to the Residency is prepared and issued under the orders of the Second Members of Council, as early as practicable.

1.10.17

The Secretary,
General Department.

Draft Letter
KP
1.10.17

The accompanying DO with a memorandum explaining the case was issued on 2-10-17.

KP
3/10/17.

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

Issued

No 334 Dated 2 10 17

The Hon'ble Mr H. V. Cobb

Dear Sir,—

Your letter No 7492 D 29th Sept'r 17 &
Sir M. Visvesvaraya
Chng ~~the Dewan~~ Sir Visvesvaraya's absence ~~of the Dewan~~
from Headquarters I am forwarding for
your ~~kind~~ information a memorandum
on the outbreak of an infectious type
of diarrhœa in the State during August
and the steps that have been taken
to check the spread of the disease as much
as possible—

Yours Sincerely

CBz
2/10/17

WCC
2/10/17

Memorandum on the Out-break of an Epedemic in the State Lunatic Asylum.

Please mate 3 copies of this memo

On the night of the 24th August 1917 a woman named Mrs. Townshend had an attack of indigestion accompanied with vomitting and purging . She attributed her illness to the fish she had in her diet but other inmates of the Asylum who had the same fish were reported to be healthy. She died on morning of the 26th idem inspite of treatment. On the evening of the ~~same month~~ 27th Augt another woman who had the same fish for diet developed vomitting and purging and died the next day. The intestinal contents of this patient were examined in the Public Health Laboratory and showdd no Cholera Bacilli . As fresh cases continued to occur the Superintendent suspected that the infection was probably due to the open drain running from the female enclosures as some of the patients,-- who had an attack,were at times, seen using the drain water when no servants were about. In the absence of a separate hospital on the premises of the Asylum the patients were -- removed to the Epedemic Disease Hospital for treatment, while their excreta were ~~being~~ sent then and there for cultural examination in the Public Health Laboratory .

Ten samples of faecal matter from various inmates of the Asylum were thus examined from the 29th August to 8th September 1917, in the Public Health Laboratory but all of them showed negative results for cholera.

With a view, however, to verify the results of the Local Laboratory, samples of evacuations from infected patients were also sent on the 10th and 11th September 1917 to the Guindy Institute at Madras which reported, on the 13th idem, the presence of cholera bacilli in the samples sent to them.

To secure a third expert opinion, samples of evacuations were also sent to the Parel Laboratory at Bombay on 14th September 1917 and they reported negative results for cholera. Subsequent cultural examinations of the intestinal contents of infected patients in the Local Laboratory are reported to have resulted in the isolation of a bacillus known as 'Shiga bacillus'.

The water and milk supplied to the lunatics were also examined with negative results for cholera bacilli.

Thus it will be seen that the nature of the epidemic is not definitely known as yet and further investigation is being carried on.

Meanwhile

Meanwhile, irrespective of the nature of the disease, the infected patients ~~are~~ being regularly removed ~~the~~ to the Epidemic Diseases Hospital for treatment and ~~steps have been taken to disinfect~~ the Asylum premises/ to check the spread of the ~~epidemic as much as possible~~.

It ~~has also been~~ was also thought desirable to shift the entire population of the Asylum to a healthier locality. In the absence of any other suitable building, the temporary removal of the lunatics to the sheds and buildings of the Health Camp on the Magadi Road ~~has been ordered~~ was advised by the Bact at the very last stage of the Epidemic - Dr. 7.9.17 but the removal could not be given effect to immediately as arrangements necessary for the safe lodging of the lunatics especially the more violent and troublesome patients have to be effected prior to their removal.

The Health Camp is being fitted up for the purpose and the Indian male lunatics have been already removed ~~there~~. The European and Indian Female lunatics will also be removed ~~shortly~~.

WD 3048—GPB—1,000—16-7-17

REPLY

(To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated....29th September *191* 7.

D.O.letter No.39 dated 28th September 1917, from the Senior Surgeon reporting the further action taken in the matter of the removal of the population of the Lunatic Asylum, to the Magadi Road Camp.

****

Forwarded to the Secretary, fc information and record, after perusal by the Second Member.

29.9.17

The Secretary,

General Department.

4/ 1.10.17 2nd member) 1.10 1.10.17

74853

2902

Office of the Senior Surgeon with the Government of Mysore,

D. O. No. 39

Dated, Bangalore, 28 Sept 1917

My dear Sir,

In the matter of the removal of the population of the Asylum temporarily to the temporary accommodation made available at the Magadi Road Camp, I beg to inform you that only the Indian Male Lunatics will be shifted tomorrow as accommodation for them alone is now ready. The Asst. Engineer, Head Quarter Range, informs me that the accommodation for the Female and European Lunatics will not be ready before a week and as soon as it is ready, the remaining inmates will be shifted.

The Superintendent, Lunatic Asylum, has sent up an elaborate statement of the additional establishment and incidental expenditure involved in the removal of the Lunatics and I am formally submitting my recommendations to Government in the matter.

In the meanwhile, I have, subject to your approval, permitted the Superintendent to employ additional hands (not all at once, but) as they may be required and to incur expenditure on cartage, etc. I shall see that money is not wasted.

Yours sincerely,

D Ramaswamy

Sir M. Visvesvaraya, K.C.I.E.,

Dewan of Mysore, Bangalore.

G. R. S. 26]

80

File No.

Serial No.

Diary No. of letter replied to .....

28 No. 1905

General and Revenue Secretariat

( )

, *the* 191

To

The Senior Surgeon

Date of issue 28/9/17

Signed by Jun C.L. Balasundaram

Dy Sec'y

Dear Sir,

From the latest sickness report received it is observed that such cases are still occurring among the inmates of the Lunatic Asylum, where ~~immediate~~ the ~~removal~~ transfer of such cases was ordered by Govt on 7th inst ~~nearly 20 days ago~~ No ~~report has yet been received as to~~ what action has been taken in this connection and why the delay has been allowed to occur in a

over.

Govt. will be glad if you can kindly send an immediate report as to how matters stand at present and why their removal has been delayed -

SUBJECT.

Case of such an Emergent matter
as this I am to request you
to furnish an Explanation for
the delay in carrying out the
orders of Govt and to submit the full
report called upon already

James Swinby

MK
18/4

List of enclosures

Copied by

Examined by

GPB—20,000—10-10-14

IMMEDIATE.

Office of the Senior Surgeon with Government of Mysore,

D. O. No. G.C. 2422-2 Dated, Bangalore, 9th September 1917.

D 868 (39)

Dear Sir,

In reply to your D.O. letter No.1905 dated the 28th instant enquiring why the removal of the lunatic to the Magadi Road Health Camp, ordered by Government on the 7th instant is delayed, I beg to inform you that the additions and alterations required for making the sheds suitable for the lunatics were only partially completed yesterday, the 29th instant, and into the completed portion of the contact camp, the Indian male lunatics are being removed this day.

The Executive Engineer has been requested to expedite the ~~xxxxxxxxxxxxxxxxxxxxxxxxxx~~ work of getting ready the accommodation intended for the Indian Female and the European Male and Female lunatics, and as soon as the same is ready, the remaining population of the Asylum will also be removed.

Yours sincerely,

Senior Surgeon.

C.S.Balasundaramiyer Esq., B.A.,
Secretary to Government,
General Department, Bangalore.

9

2 Drafts

G. R. S. VI—G/32]

SUBJECT 5/10

Diary No. of letter replied to.....

Draft DO

Section
File No.
Serial No.

GENERAL AND REVENUE SECRETARIAT,
( )
, the 191

No. 2049. Med 8 5.10.15

Date of issue 5.10.15

Signed by Asst S. Balasundaram

DO

Dear Sir

With reference to para 2 of your DO of the 29th ultmo stating that the female lunatics and the European male lunatics will be removed to the Alagadi Health Camp as soon as the arrangement was in proper and ready accommodation is made ready I am to request you to kindly place yourself in Communication with the Head Quarter Executive Engineer

over.

and see that ~~as much of~~ such
the arrangements as are absolutely
necessary for the lodging of the
lunatics are completed within Expediting
~~the next two days and have the~~ so that the immediate removal
~~lunatics removed immediately~~ of the lunatics may be effected
~~without further~~ delay at any risk
A copy of the D.O. sent to the Chief Engr. is also herewith enclosed
Yours Sincerely for your information

CM

3/10
Raja Karya Prarna Rao Bahadur
J. V. Ammugam Moodliar Retd.
Senior Surgeon

3/10.

List of enclosure

Copied by

Examined by

WD 86—GPB—60,000—15-11 16

G. R. S. VI—G/32]

2 Drafts

UBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT,

( )

, the *191* .

Date of issue.....5.10.17.....

Signed by.....M.C.S. Balasundaram.....

Draft DG

Section

File No.

Serial No.

No. 2068 Med dy 5.10.17

To

Dear Sir

It is understood that necessary arrangements for the lodging of the inmates of the Lunatic Asylum in the Health Camp on the Magadi road have as yet not been completed though it was ordered by Government on the 7th of last month that they should be completed within 2 months with hasten

I am therefore to request

over.

that Necessary Strongest orders may
be issued to have the arrangements
completed within ~~the next two days~~ Expeditiously immediately
to admit all the lunatics being
removed ~~there~~ immediately But regard the delay
that has already taken place
Yours Sincerely with displeasure

MK
5/10

Rao Sahib Bhushana
Karpur Shrinivasrao BSC LCE
Chief Engineer

Memo

Copy to the Senior Surgeon

By order

List of enclosure

Asst Secretary

Copied by

Examined by

WD 86—GPB—60,000—15-11 16

G.R.S. III—3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Submitted.

The point for orders is whether the cost of Sheds that have to be provided for contacts etc should be met from State funds (medical) in view of the fact that the existing sheds have been temporarily appropriated for the accommodation of the lunatics or ~~Debts~~ from Municipal funds as the ~~cost~~ charge is on account of putting up sheds to prevent epidemics

In this connection it may be stated that the Contact sheds appear to have been constructed from Plague funds prior to 1902.

As regards such charges in the Bangalore city the expenditure has to be met from State & Municipal funds (Vide para 1 of G O No 6381-92/San 250 dy 8.3.1912)

In this Connection it

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

W.D. 81—GPB—60,000—20-7-16

As respectfully submitted
Whether the necessary ~~Funds~~
permanent Beds may
be put up permanently
in the site selected
for the new Epidemic
Diseases Hospital the cost
being in the first instance
debited to Municipal
funds as no funds can
be ~~now~~ spared for the
purpose from the Plague
Budget this year

K.D.

MK
26/10/17

Rowee?)

Answer to please speak
to me about this

MK
3.11.17

Spoke to the Rowee and obtained
his instructions

MK
4/11/17)

A. R. BANERJI, Esq., C.I.E., I.C.S.

Member of ~~Government~~ Council

MEMORANDUM. No. 49.

Dated 18th. December 1917.

Medical *Department.* *Branch.* IV.

Explanation of the Superintendent of the Lunatic Asylum regarding the outbreak of enteritis has not yet been received. A reminder should be sent to him at once. This matter has been pending long and a final Government order is over-due.

Asstt Secy IV

Please attend this

Trial Rs have been drafted and submitted for approval & 2nd Member yesterday The draft was countersigned by the chief Sec also

MK
18/12

Chief Sec'y)
2 members)

Secy thanks The draft be sig & proposal be recommended Council 18/12

Note.- *Reply or action taken to be noted in the left margin.*

GRSM.—456

HP

15.

Med 43-17 Sec 1

From

Rao Bahadur T. V. Ramagya Iyengar
Senior Surgeon in Mysore

To

The Secretary to the Govt of
H H the Maharaja of Mysore
General Department.

Sir

I have the honour to forward in original the enclosed report from the Superintendent of the Lunatic Asylum regarding the outbreak of epidemic enteric for the information of Government

I have the honour to be
Sir
Your most Obedient Servant

T V Ramagya Iyengar
Senior Surgeon

Subject above for information of 2nd member of Council - HM 3/9/17

Bangalore/Cravana, 3/9/17

Enclosure 1

From

R Ralph Esq Lunt DPSH
Superintendent
Lunatic Asylum
Bangalore

To

The Senior Surgeon with the
Govt of Mysore
Bangalore

No 134
2.9.17.

Sir

I have the honour to report that since the 24th ultimo 12 cases of vomiting of purging and other symptoms resembling enteritis have taken place in the Asylum and there have been 7 deaths. The bacteriologist's report says that no cholera germs have been found in the intestinal contents of the patients. Every endeavour is being made to prevent the spread of the disease.

I have the honour to be
Sir
Your most obedient Servant

R Ralph
Superintendent.

DMC
2.9.17

IMMEDIATE.

No. G. /0
Encls.

Office of the Senior Surgeon, Mysore Govt., 3

Dated, Bangalore, 2 - 9 - 1917

med 43-17 Sec 1A

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

In continuation of my report No.A., dated 2nd Septr: 1917, I have the honor to submit herewith a copy of the detailed report No.135, dated 3rd September 1917 received from the Superintendent, Lunatic Asylum, regarding the outbreak of Enteritis among the inmates of the Asylum.

2 The first case occurred on the 24th August 1917. But the first information reached me only on the 2nd instant, by which date more than a dozen cases occurred. The Superintendent's explanation for this delay has been called for and will be submitted on receipt.

(3) I inspected the Lunatic Asylum twice, on the 2nd instant on receipt of the first information report and found that although the report was made late, the Superintendent had taken all necessary steps both as regards the treatment of the patients and for checking the spread of the disease. As an additional precaution, I ordered the removal of the patients (five in number) still suffering of vomitting and purging, to the Epidemic Diseases Hospital for treatment.

(4) The Superintendent has been instructed to submit daily reports of the present epidemic in the Asylum and of the condition of the patients in the Epidemic Diseases Hospital, and these reports will be submitted to Government

on

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

General Deptt.,

Bangalore.

Dated 3 · 9 · 1917

No. G. 176-2

Encls.

Seen

Subject.

Submits a further report on the outbreak of what is supposed to be enteritis, in an epidemic form, in the Lunatic Asylum and the precautionary measures adopted in connection therewith.

on receipt.

The Superintendent has also been requested to send samples of water from the different taps in the Asylum, of milk, ghee and rice to the Officer in charge of the Public Health Laboratory and have them chemically and bacteriologically analysed, with a view to trace the cause of the disease. On receipt of necessary information, a further report will be submitted to Government.

I have the honor to be,

Sir,

Your most obedient servant,

Senior Surgeon, Mysore Government.

Enclosure 1A

(1)

Letter No. 135, dated 3rd September 1917, from the Superintendent, Lunatic Asylum, Bangalore, to the Senior Surgeon, Mysore Government, Bangalore

---

In continuation of my No. 134 dated 3rd September 1917, I have the honor to report that on the night of the 24th August 1917, a eurasian patient by name Mrs. Townshend had an attack of indigestion accompanied with vomiting and purging. She was a cripple and bed ridden before, on account of chronic anchylosis of the both hips and knees. She died inspite of treatment on the morning of the 26th. She attributed her illness to the fish she had in her diet that day but other patients who had the same fish were healthy. On the 27th evening another european patient aged 6o years by name Misss Brown who was suffering from extensive cancer of the breasts developed vomiting and purging. She died on the next day. As this was a sudden illness, her intestinal contents were --- sent to the Public Health Institute for examination; but the report received showed " no cholera bacilli" Due precautions were neverthless beingttaken. But on the 28th a male lunatic by name Sidda got vomiting and purging and he died on the 3oth.

On the 3oth a mohamadan woman by name Sultanbee aged about 35 years who had helped in the removal of Mrs. Townshend's body, was attacked at night and she died before morning. Since then there have been 9 attacks in the male and female enclosures of whom 4 have died. The reports of of the Bacteriological examination of evacuations from these patients is awaited. Every endeavour was made to trace the course of this epidemic but so far no satisfactory solution has been arrived at. It is suspected that the infection may be due to the open drain that runs from the female enclosures to the male side and the suspecian is strengthened by the fact that some of the patients who had go the attck were at times seen

using the drain water, when there were no servants about and the european male enclosures through which the drain does not run has so far been free

The 5 patients who were now under treatment are being removed. to the Epidemic Diseases Hospital as directed personally.

I have requested the department of Public Works to close up the open drain and the cisterns connected therewith immediately and have -- closed drains instead.

Sd/- F. Noranha,
For Superintendent,

" C o p y"

Senior Surgeon.

IMMEDIATE.

No. G. C. 176-3
Encls.

Office of the Senior Surgeon, Mysore Govt.

Dated, Bangalore, 7 - 7 - 1917

16.4

med 43-17 8 From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

In continuation of my letter No.G.C.176-2 of yesterday's date, I have the honor to report the occurrence of 2 fresh cases last evening, 3 other attacks last night and 2 more this morning in the Lunatic Asylum.

The patients are being sent to the Epidemic Diseases Hospital, for treatment. Two deaths are also reported to have occurred among the patients sent to the Epidemic -- Diseases Hospital.

The total number of attacks is 20 and of deaths 10, from the date of commencement of the Epidemic.

I have the honor to be,

Sir,

Your most obedient servant

T V Arumugum

Senior Surgeon.

From

The Senior Surgeon,

Mysore Govt., Bangalore

To

The Secretary

to the Govt. of Mysore,

General Deptt.,

Bangalore.

Dated 4-9-1917.

No. G. C./76-3.

Encls.

A. & REV. O.
W 3r
5 SEP 1917

Subject.

Reports the total number of attack and deaths among the lunatics, c to enteritis, from the commence- ment of outbreak up to 4th Sept 1917.

IMMEDIATE.

No. G. C.176-4
Encls.

Office of the Senior Surgeon, Mysore Govt.,

Dated, Bangalore, 4 - 9 - 1917

Med 43-17 Sl 3

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

In connection with the out-break of a fatal form of, what is supposed to be, enterites in the Lunatic Asylum, Bangalore, reported in my letter No. 176-2 dated 3-9-1917, I have the honor to state that the nature and cause of the epidemic are still under investigation. The evacuations of the patients were subjected to bacteriological examination, the result of which is negative for cholera bacill It may be an infectious form of diarrhoea, caused by some unknown poison eminating from the drains. The building is an old one and the soil is probably fully saturated with noxious matter. Whatever the actual cause may be, it is highly desirable, for many reasons, to shift the entire -- population of the Asylum from the present infected locality. In the absence of any other suitable building, I request that Government may be pleased to issue necessary orders for the immediate removal of the Lunaties to the Magadi -- Health Camp, where a sufficient number of sheds may be made available for their use. While ordinary lunaties could be kept in the zinc sheds, the more violent and troublesome patients will have to be found more secure accommodation for which purpose a few of the permanent buildings in the Magadi Camp may also be ordered to be made available. Further it will be necessary to have the entire area in

which

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

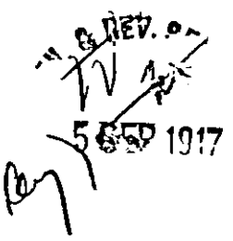
General Deptt.,

Bangalore.

Dated 4-9-1917

No. G. C./76-4-

Encls.



Subject.

Submits a proposal for temporarily shifting the entire population of the Lunatic Asylum to the Magadi Health Camp.

which the lunatics are to be lodged, protected by means of a strong temporary enclosure of corrugated iron sheets. I request that the above proposal may kindly be approved and necessary instructions issued to the President, City Municipality, the Sanitary Commissioner and the Public Works Department for placing the required number of sheds and buildings at the disposal of this department and for providing the same with a temporary enclosure.

I have the honor to be,

Sir,

Your most obedient servant,

D T Cunningham

Senior Surgeon.

G.R.S. VI-71]

SUBJECT..... Removal of the Lunatics from the Asylum to Magadi Camp

Section Nil
File No. 43
Serial No. 7

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

, the *191*

Proceedings of the Government of His Highness the Maharaja of Mysore.

Date of issue..... 7.9.17.

Signed by..... Mr B. J. Kesava Iyengar

Read.— Correspondence ending with Senior Surgeons letter No Q C 176-3 dated 4th Sep 1917 ~~from the Senior Surgeon~~ on reporting the outbreak of enteritis in an epidemic form among the inmates of the Lunatic Asylum Bangalore and suggesting the immediate removal of the population of the Asylum to the Health Camp on the Magadi road

y this be

i Printed?

ii treated as a standing order?

iii published in the Gazette English part?

iv translated?

v placed at the disposal of the press?

vi published in the Gazette Kannada part?

~~Order Thereon:— No.~~

over.

as a temporary measure
as it is undesirable to
allow them to continue in
the infected locality which
is saturated with noxious matter

Order 1521-6 mc 263-17

The Senior Surgeon suggests
that the required number of
Sheds and buildings in the
Magadi Health Camp may
be ordered to be placed at the
disposal of the Medical Department
and that the entire area in which
the lunatics are to be lodged
be protected by means of a
strong temporary enclosure of
Corrugated iron sheets.

In view of the urgency of the matter,
the Senior Surgeon, the Sanitary
Commr & the Chief Engineer
are requested to
kindly make it convenient
to meet the Pressure of

List of enclosures.

The Indent of the
S/ is approved
The payment of Workers
Wages may be
Copied by Hand undertaken
Examined by at the disposal
of the
The the Heads & Sub
will be made. for which
within 24 hrs of possible

G. R. S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation sheet draft form.)

The necy Council a the camp[s] welcome - We then with are directed the removal under the offered

The S Surgeon will report the total no of inmates - the removal & ability in the necy Cost from the D.G.P of necy - Also. 105 Records office & camp equipment Report of removal may be made by Govt

Municipal Council on the morning of Friday the 7th instant at the Magadi Health Camp and take needful action to accommodate the inmates of the Lunatic Asylum in the Health Camp or other Suitable building after providing without delay such Conveniences as are absolutely necessary

The Senior Surgeon will kindly intimate the result of the action taken in the matter

MMC 5/9 Secy to Govt Genl Dept

To

The Senior Surgeon

" Secy Municipal Council with the request that immediate action is taken [illegible] Resident City

Genl Council

The Dy Inspr of Police

GPB—12,000—15-2-13.

B. M. 109]

med 43-17 sl 5

OFFICE OF THE PRESIDENT,
MUNICIPAL COUNCIL,
BANGALORE CITY, DATED.....8-9-.....1917.

FROM

DEWAN BAHADUR RAJA SABHA BHUSHANA
K. P. PUTTANNA CHETTY, ESQ., C.I.E.,
Honorary President, Municipal Council,
Bangalore City.

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and ~~xxxxxxx~~ Departments
Bangalore.

SIR,

With reference to Government Proceedings No. 1521-6/Med.43-17 of the 7th instant ordering the shifting of the Lunatics as a temporary measure to the Contact Camp on the Magady Road, I have the honor to report that orders have been issued accordingly to the Health Officer.

2. I would however point out that this involves the deprivation to the City public of the only Camp wherein contacts of Plague patients could be accommodated. Plague is threatening the City which is surrounded by infected villages on all sides from which people are always coming and going. The interests of a big City are concerned in this matter.

3. If I am not considered presumptuous I venture to doubt the ~~wisdom~~ safety of placing the Lunatics in a Camp so close to the Plague Hospital where it is not unusual for the inmates to contract Plague.

4. I have however in deference to the orders of Government and

to

14

to meet an emergent situation with a view to safequard the health of the Lunatics, given orders to place the Contact Camp at the disposal of the Senior Surgeon. I hope the occupation may be for a very short time. The sheds may be required for the use of the public at any time if plague should break out in the City. A few sporadic cases have already occurred

I have the honor to be,

Sir,

Your most obedient servant,

H.H. Mattammaghett

Honorary President.

C.R.G.

G.R.S.31]

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

GENERAL AND REVENUE SECRETARIAT

No. 1729 / Med 43-17-6

Bangalore, Dated 14/9 191 7

Fair draft

From

C.S.Balasundaram Iyer Esq., B.A.,

Secretary to the Government of His Highness the Maharaja of Mysore,

General Department.

To

Rao Bahadur T.V.Arumugam Mudaliar Esq., M.B., C.M.,

Senior Surgeon with the Government of Mysore.

SIR,

In continuation of Government order No.1521-6/Med.43-17 dated the 7th September 1917, I am directed to forward herewith copy of -- letter No.68 dated the 8th September 1917 from the President, Bangalore City Municipal Council regarding the shifting of lunatics to the Contact Camp on the Magadi Road and to request you to be so good as to - suggest other suitable arrangements in consultation with the President of the Bangalore City Municipal Council in case the ~~mmmmm~~ Contact - Camp is required for the use of the public before another week or fortnight.

I have the honor to be,

Sir,

Your most obedient servant,

for Secretary to Government,

Dft) General Department.

Memo No. 1729/Med 43-17-6 dt 14/9/17

Copy to Presdt., Bangalore City Ml.Cl. with reference to his letter No.68 dated 5-9-1917.

Sl.-334

16

D759

Med 43-1754 7

No. G. C. 176-12
Encls. 2

Office of the Senior Surgeon, Mysore

Dated. Bangalore 14th September 1917

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

I have the honor to forward herewith for information of Government, a copy of letter No. 197, dated 14th September 1917, and of its enclosure from the Superintendent, Lunatic Asylum, Bangalore, and to state that although the bacterio-logical examination of two samples of evacuations at the Public Health Laboratory at Bangalore, resulted in "no -- Cholera Vibrois" being found yet as the cases clinically - resembled those of cholera, I was compelled to obtain a -- second bacteriological opinion and therefore instructed the Superintendent to send samples of evacuations to the King - Institute, with the result that cholera vibrios were found in the samples.

As already reported, all precautionary measures are -- being taken. The Executive Engineer reports that the sheds and enclosure at the Magadi road Camp will be ready by the 19th instant, and as soon as they are ready, the present Asylum buildings will be completely evacuated and the fact reported to Government as required in para 4 of Government Order No. 1521-6-Med. 43-17, dated 7th September 1917.

I have the honor to be,
Sir,
Your most obedient servant,

T. V. Arumugum

Senior Surgeon.

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

Genl Deptt.,

Bangalore.

Dated 14·9·1917

No. G.C176-12

Encls. 2

Subject.

Forwarding the results of the Bacteriological examination made on the Samples of excretions sent by the Superintendent Lunatic Asylum to the King Institute Madras

Ex 527 17

Letter No. 197, dated 14th September 1917, from the Superintendent, Lunatic Asylum, Bangalore, to the Senior Surgeon, Mysore GOvernment, Bangalore.

With reference to your No. 777-4, dated 10th September 1917, I beg to report that I sent a sample of stool from an infected patient to the King Institute in Madras for examina-tion on the 10th instant. As this sample was collected on the 8th instant and was consequently old, I sent a fresh sample from another patient on the 11th instant. I have received a telegram last night from the Director of the King Institute stating -- that Cholera Vibrois were present in both the samples, I enclose the telegram in original for your perusual.

In this connection I beg to append a statement giving particulars of samples I sent to the Local Public Health Institute and the result received so far.

As personally ordered this morning, I am sending samples of water from the different sections of the Asylum to the King Institute for examination. I shall communicate to you the result as soon as it is received.

Telegram. dated 13-9-17
to Superintendent,
Lunatic Asylum, Bangalore.
"Ricewater stool sent on the
tenth and eleventh cholera
vibrios present in both samples"
Institute.

"C o p y"

Senior Surgeon.

Date	No	Description of Sample sent	Result	Remarks
29.8.1917		Fœcal matter from small Intestines and large Intestines of Male Prisoner	No Cholera Vibrio	Result of Examn: received vide No: 65, dt. 30.8.17 from the Director P.H. Institute Bangalore.
30.8.1917	2	2 Test tubes containing the intestinal contents of Siddu & Sultan Bee	—do—	—do— No: 66 dt. 1.9.17
3.9.1917	3	Three sealed bottles of evacuation from patients suffering from Cholera & Dysentery	No report received yet	
1		5 samples of food stuff in use in the Asylum	—do—	
4.9.17	4	12 samples of water from taps —do—	—do—	
4.9.17	5	10 ounces of fœcal matter from patients in the Asylum	—do—	

Lunatic Asylum, Bangalore. 14 9 17

"Copy"

1587 P. Palpu
Supdt
Lunatic Asylum,
Bangalore

For Surgeon Surgeon

G. R. S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

21.9.17

Lobby Mr B. T. Research Assistant

No 1771 / med 4317.8 dt 21.9.17

The Senior Surgeon

Sir,

With refce to your letter ~~dt 7th inst~~ No: Q C 176-12 dt 14th Sept 1917 forwarding the results of the Bacteriological Examination made on the Samples of Excretions sent by the Supdt Lunatic Asylum & the King Institute Madras I am directed & request you to be so good as to conduct a personal investigation into the outbreak at the Asylum and Submit a full report & Govt at an Early date

I have &c

20/9/17

MK 18/9

GPB—20,000—7-7-14

with

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

22 9.17

Asst Surgeon B.D. Kesava Iyengar

Asst

No 1772 Medl 3-17-9 dt 21.9.17

The Surgeon Commissioner

Sir,

I am directed to forward copies of the correspondence received from the Senior Surgeon reporting on the results of the Bacteriological Examination made on the Samples of Evacuations sent by the Superintendent Lunatic Asylum & the King Institute Madras, and to State that the report received discloses the fact that the ~~Asylum~~ Examination in the Public Health Institute Bangalore has proved unsatisfactory. Bangalore has not been satisfactory.

I am to request you to kindly furnish an Explanation for the differences in the results obtained by the two institutions

Leave with Enclosures

9 Nov 1917

No. C Dis 198.

Office of the Sanitary Commissioner
with the Government of His Highness
the Maharaja of Mysore,

D 862

Dated, Bangalore, 27th September 1917

Med 43-17
8 11

From

M. Srinivasa Rau Esquire., M.A., M.D., B. Sc., (Edin)
D. P. H., (Cantab) & F. C. S., (London.)
Sanitary Commissioner with the Government of His Highness the Maharaja of Mysore, Bangalore.

C.S.Balasundaram Iyer, Esq., B.A.

Secretary to the Government of His Highness the Maharaja of Mysore, G E N E R A L *Department,*
BANGALORE.

I have the honor to reply to your letter No.1772/ Med. 43-17-9 dated 21-9-17.

2. Ten samples of faëcal matter from various inmates of the Lunatic Asylum were sent to the Public Health Institute from 29th August to 8th September. The examination for Cholera microbes was first undertaken and the results which were negative in all cases were communicated to the Medical Officer of the Asylum.

3. It is a matter for surprise to learn from the enclosures to your letter under reply, that a sample of faëcal matter was sent to the King Institute at Guindy and that Cholera microbes were detected in it. Even admitting the correctness of this observation at Guindy/it does in no way render the examination in the Public Health Institute unsatisfactory. If the same sample had been sent to the Public Health Institute and to the Foreign Laboratory at the same time and if one of them had shown Cholera microbes and the other not, then there would have been some cause for dissatisfaction.

4.

Rcd 5-20 Pm 28/9/1

From

The Sanitary Commissioner
in Mysore, Bangalore.

To

The Secretary to the Government
of H. H. the Maharaja of Mysore,
General Department
Bangalore.

Dated

Despatched 27th September 1917

Received

General No. C Dis 198. H. D. Records 28 SEP 1917

No.

Enclosure Nil

SUBJECT.

Submitting a report on the results of the Bacteriological Examination of certain Samples sent from the Lunatic Asylum Bangalore.

4. It has been my experience in the recent Cholera epidemic at Mysore that even very characteristic stools of a real case of Cholera, failed to show any Cholera microbes and that subsequent evacuations would show them in abundance. It does not appear to me that there is any ground for complaint, when a sample of stools of one patient examined in the Public Health Institute showed no Cholera microbes and that another sample taken from another patient 2 or 3 days afterwards and sent to another Laboratory showed their presence.

5. I am aware of some instances in which men have been pronounced to harbour specific microbes, when in reality they are not infected by them at all and conversely of existing Bacteria being overlooked through faulty methods of examination. Cholera microbes are fairly easy of detection and the fact of their not being found in the sample of faecal matter examined in the Public Health Institute simply means that they were not present there at the time of examination. Further comment is needless.

6. Further investigations on the sample of faecal matter sent, which were being carried on, were completed only today and they go to show that an organism known as Shiga's Bacillus which has nothing whatever to do with Cholera microbes, is the cause of the infection in two of the cases. This result will in due course be communicated to the Medical Officer, Lunatic Asylum.

I have the honor to be,

Sir,

Your most obedient servant,

M Srinivasa Rao

Sanitary Commissioner

IMMEDIATE.

No. G C. 243-2 Office of the Senior Surgeon, Mysore Govt.,
Encls.

Dated, Bangalore, 29th September 1917

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

D 870
Med 43-17-12

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

With reference to your office letters Nos. 1771-Me 43-17, dated 21st September 1917 and No. 1905-Med. 43-17 dated 28th September 1917 requesting me to hold a personal investigation into the causes of the out-break of ~~entr~~ enteritis in the Lunatic Asylum and submit a detailed report, I have the honor to state that the investigation into the nature and cause of the epidemic of vomiting and diarrhoea in the Asylum is still proceeding. The facts so far elicited are as follows.

On the night of the 24th August, a Eurasian patient named Mrs. Townshend had an attack of indigestion accompanied with vomiting and purging. She attributed her illness to the fish she had had in her diet that day, but as other patients that had the same fish were healthy, there was no room for suspicion then. The patient, however died on the 26th, in spite of all treatment. On the 27th, another European female patient who had the same fish for diet was attacked and she died on the following day Her intestinal contents were sent to the local bacteriological laboratory for examination but the report showed "no cholera bacilli " As fresh cases were occurring I instructed the Superintendent to call for a cultural examination and report from the local laboratory

IMMEDIATE.

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

General Deptt.,

Bangalore.

Dated 29.9.1917

No. G. C. 243-2

Encls.

GEN. & REV. SEC.
1 OCT 1917

Subject.

Reports the result of the investigation so far held into the nature and cause of the out-brea of enteritis in an epidemic form in the Lunatic Asylum, Bangalore.

laboratory and to send samples of evacuations to the King Institute at Guindy, together with samples of water and milk supplied to the Asylum for examination. The report from the King Institute on the examination of the evacuations having shown "cholera Bacilli", the fact was reported to Government in my letter No.176-12, dated 14th September 1917. To secure a third expert opinion I ordered samples of evacuations being sent to the Parel Laboratory and the Director thereof reports that there were no cholera bacilli in the samples sent. The water and milk supplied to the Lunatics were examined, with negative results.

The patients are being removed to the Magadi Road (E.D.) Hospital and the Asylum premises are being disinfected. In spite of all possible precautions, fresh cases are occurring. I have ordered samples of evacuations of the recent cases to be sent to the Parel Laboratory for being examined and the result is awaited

Cultural examination of the intestinal contents at the local Bacteriological Laboratory is reported to have resulted in the isolation of a bacillus known as Bacillus Shiga. But this bacillus produces only dysentery and not the kind of disease of which the inmates of the Asylum are suffering.

The investigation is thus incomplete and I shall submit a further report after my investigations are completed.

I have the honor to be,

Sir,

Your most obedient servant

Senior Surgeon.

No. G.C.243-3
Encls.

Office of the Senior Surgeon, Mysore Gov
Dated, Bangalore, 6th October 1917. 191

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

In continuation of my letter No.243-2, dated the 29th September 1917, submitting a report on the result of the investigations into the cause and nature of the disease then treated as enteritis, I have the honor to submit my final report in the matter.

Nature of the disease. As has already been submitted by me, the clinical symptoms of the cases resembled those of cholera. As the opinion had to be confirmed by a bacteriological examination, samples of evacuations of the patients were at first sent to the Public Health Institute, Bangalore, for examination. Out of seven samples of evacuations and five samples of food stuffs sent, in none was cholera bacillus reported. When a cultural examination was requested to be made a report was received that a bacillus giving reactions resembling those of Bacillus Shiga was found. But this bacillus is known to produce only dysentery and not the kind of disease of which the patients in the Asylum were being attacked. Two samples of evacuations were sent to the King Institute, Madras and Cholera Vibrios were found in both. But samples of water and milk were pronounced to be free. As already reported, a difference in the bacteriological examinations in Bangalore and Madras compelled me to call for a third expert

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

General Deptt.,

Bangalore.

Dated 6-10-1917.

No. G.C. 243-3

Encls.

Secy

8 OCT 1917

Subject.

Submitting final report on the result of the investigations into the cause and nature of the epidemic that ~~has~~ recently broken out in the Lunatic Asylum.

opinion and I ordered samples of evacuations being sent to the Parel Laboratory. In the first sample sent, no cholera vibrios were reported. ~~Four~~ five samples were again sent and a report has been received that in ~~three~~ four of them cholera bacilli were present. From the above, it is not unreasonable to conclude that the epidemic that prevailed in the Lunatic Asylum during the last week of August and in September, was, an epidemic of cholera.

Cause of the disease. Previous to the out-break in the Lunatic Asylum, no cholera cases reported in Bangalore and the inmates of the Asylum could not have come in contact of cholera cases, nor could there be any possibility of cholera germs being carried into the Asylum by house-flies from Cholera evacuations in Bangalore. The first few cases of cholera occurred among those patients in the asylum who had fish from Madras issued to them as part of their rations. It is believed that there was cholera in Madras at the timethe fish was got from Madras. I am therefore inclined to believe that the infection of cholera was introduced by the fish got from Madras and issued to the European Female Lunatics. In spite of cooking, some cholera germs might have been taken in along with the fish by the first few patients, in whom, in spite of the characteristic clinical features and death after a very rapid course, the disease was not suspected by the Superintendent. It was only after there had been nine attacks and four deaths that the Superintendent began to suspect the nature of the disease in spite of the assurance he had from the local Bacteriological Institute that the evacuations of the infected patients contained no cholera vibrios

Precautions adopted. As soon as I received the first information report from the Superintendent on the 2nd September, i.e., 9 days after the first attack, I ordered, in the absence of accommodation elsewhere, the removal of the infected lunatics to the Epidemic Diseases Hospital on the Magadi Road and immediately reported to Government for orders being issued

to the Municipal and Public Works authorities for placing the required number of sheds in the Magadi Road Camp at the disposal of the Medical Department and for carrying out certain works to make the sheds and surroundings fit for the accommodation of Lunatics, with a view to completely evacuate the present infected Asylum buildings for some time. On receipt of Government orders for the removal of the lunatics to the Magadi Road Contact Camp, the additions and alterations required to be done were suggested to the Executive Engineer, Head Quarter Division. These were partly completed to enable the removal of the Indian male lunatics being accomplished on the 30th September 1917.

Accommodation intended for the Indian Female lunatics and the European male and female lunatics is being got ready and as soon as the work is completed, they will also be removed to their temporary camp and a report submitted to Government.

Inoculation. To have all the lunatics inoculated against cholera, I applied to the Parel Laboratory for anti-cholera vaccine but was referred by them to the Kassauli Institute wherefrom serum sufficient for 100 persons has been obtained and I shall have the Indian Female and the European Male and Females lunatics now in the Asylum premises inoculated before removal to the Magadi Road Camp.

I may add that there have not been any fresh cases in the Asylum since the 28th September 1917.

I have the honor to
Sir,
Your most obedient servan

Senior Surgeon.

No G.C. 183-2 Ele one

Urgent-

D 869

med 43-17-13

Office of the Sanitary Commissioner
with the Government of His Highness
the Maharaja of Mysore,

Dated, Bangalore, 29th Sep. 1917

M. Srinivasa Rau Esquire., M.A., M.D., B SC., (Edin)
D. P. H., (Cantab) & F. C. S., (London.)
Sanitary Commissioner with the Government of His Highness the Maharaja of Mysore, Bangalore.

To

C.S.Balasundaram Iyer, Esq., B.A.,

Secretary to the Government of His Highness the Maharaja of Mysore, G E N E R A L *Department,*
BANGALORE.

Sir,

I have the honor to enclose a cutting from the Madras Mail dated the 27th September 1917 on what is alleged to be an outbreak of Cholera at the Lunatic Asylum at Bangalore. I do not know wherefrom the correspondent got his information that the " local Chemical Laboratory " returned a report to the effect that the disease was epidemic enteritis. The correspondent prefaces his news with the false statement that " the expensively equipped Bacteriological Laboratory of the Mysore Government in Bangalore has been unequal to a local emergency ". I need not say that this is a highly damaging statement and that there is absolutely no foundation for it. The mere fact that the King Institute chose to declare certain of the specimens of faecal matter to contain Cholera microbes does in no way render our Institute " unequal to a local emergency " Confining myself merely to the results of the examinations conducted in the Public Health Institute, I can say that Cholera vibrios were not there to be detected,

in

REV. O...
IV
19
1 OCT 1917

From

The Sanitary Commissioner
in Mysore, Bangalor

To

The Secretary to the Government
of H. H. the Maharaja of Mysore,
G e n e r a l *Department*
Bangalore.

Dated 29th Sep. 17.

Despatched

Received

General No. G.C. 183-2
No.

Enclosure No. /

SUBJECT.

Submitting for the information and orders of Government an excerpt from the "Madras Mail" on the alleaged outbreak Cholera at the Lunatic Asylum.

in spite of whatever the King Institute might have reported on the samples sent to them. Continued investigations reveal the presence not of Cholera vibrios but of other bacilli resembling shiga s bacillus.. As it is very undesirable that the wrong impression regarding the Public Health Institute should remain current, I request I may be permitted to send a communique to the Press on the subject giving all the correct details

I have the honor to be,

Sir,

Your most obedient servart,

M Srinivasa Rau

Sanitary Commissioner.

Madras Mail dated the
27 September 1914

The following are a few more facts concerning the recent outbreak of cholera at the Lunatic Asylum according to which, it would seem, that the expensively equipped Bacteriological Laboratory of the Mysore Government in Bangalore has been unequal to a local emergency:—

On the 24th August last, a case of illness occurred in the Lunatic Asylum which was treated as enteritis. The patient died. Within eight days there were eight more deaths amongst the inmates of the Asylum, all of which were treated as "epidemic enteritis." Subsequently, thirty cases were sent to the Epidemic Diseases Hospital for treatment, out of which, up to date, sixteen deaths have been reported, fourteen patients being still under treatment. Substances were sent to the local Chemical Laboratory for examination and a report was returned to the effect that no cholera germs were found, but that the disease was "epidemic enteritis." But, one Prakasam, a female inmate, having died in the Asylum, the matter for analysis was sent to the King Institute of Medical Science at Madras, where a report was received stating that cholera germs were present. The remaining inmates of the Lunatic Asylum have now all been removed to the Magadi Road Camp and all precautions have been taken to prevent the disease from spreading, and these may be confidently hoped to be effective. Incidentally a bill for Rs. 122 has been submitted by the Guinea Institute.

31

No. G.C.243-4 Office of the Senior Surgeon, Mysore Govt.,
Encls.

med 43-17
SC15

Dated, Bangalore,. 8 - 10 - 1917

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

With reference to the concluding portion of my report No.243-3, dated 6th October 1917, I have the honor to report that all the Indian Female Lunatics and the European Male and female lunatics, who are at present in the Lunatic Asylum premises have been inoculated against Cholera first dose.

I have the honor to be,

Sir,

Your most obedient servant,

T V Arumugum

Senior Surgeon.

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

Genl. Deptt.,

Bangalore.

Dated 8 / 10 191 7.

No. G.C 243-4

Encls.

9 OCT 19..

Subject.

Reporting that all the Indian Female lunatic + the European male + female Lunatics have been inoculated against Cholera.

W/P

G. R. S. VI—G/32]

SUBJECT Outbreak of Cholera in the Lunatic Asylum—

Diary No. of letter replied to 9471 957

GENERAL AND REVENUE SECRETARIAT,
(Med)
, *the* 191

Date of issue 12.10.17.

Signed by Miss D. Kesava Iyengar

Section Med
File No. 43/17
Serial No. 16

No. 2195
Med 43-17-16 dt 12.10.17

To

The Senior Surgeon

Sir

With reference to paras 2 & 3 of your letter no 1762 dated the 3rd Sep 1917 reporting the outbreak of an Epidemic in the Lunatic Asylum. I am directed to request you to obtain early from the Superintendent his explanation for the delay in making the first report

over.

11/10/17

nearly 9[x] days after the Commence
ment of the outbreak as also
the particulars of the
precautionary measures
he took during the interval
for the prevention of the Spread
of the Epidemic and forward
the Same to Government

I have etc

WM
11/10
Secretary to Govt

[The first attack was
on the 26th Aug 17 the patient
having died on the 26th The
first report was made
the 2nd Sept 17.]

List of enclosure

Copied by

Examined by

WD 66—GPB—60,000—15-11-16

84

TELEGRAPHIC ADDRESS: *Statewoks.*

No. 111 88, E-2

MYSORE P. W. DEPARTMENT.

CENTRAL OFFICE,

Bangalore 10th October, 191 7.

12 OCT 1917

D 9 dt

Med 4377-18

From Rajasabhabhushana

KARPUR SHRINIVASRAO, ESQ., B.SC., L.C.E.,

Chief Engineer of Mysore,

Bangalore.

To

C.S.Balasundaram Iyer, Esq., B.A.,

Secretary to the Government of Mysore,

General Department.

Sir,

With reference to your D.O.letter No.2048 dated the 5th October 1917 pointing out that the necessary arrangements for the lodging of the inmates of the Lunatic Asylum in the health camp at Magadi road have not been completed, I have the honour to forward, for information, the enclosed copies of the reports received from the Executive Engineer, Bangalore Division and the Superintending Engineer, Southern Circle, from which it is understood that all works first pointed out by the Superintendent of the Lunatic Asylum were completed by the 25th ultimo and the male lunatics of the Asylum were shifted to the camp on the 29th idem. Additional works were pointed out by the Superintendent on the 24th ultimo and as there was some difference of opinion regarding them between the Superintendent and the Senior Surgeon, the work on them could not be put in hand immediately. They have since been put in hand and are expected to be completed this week. I agree with the Superintending Engineer that all possible celerity has been observed in the execution of the work.

I have the honour to be,
Sir,
Your most obedient servant,

RVSundaramma

For Chief Engineer of Mysore.

S.S.

En 94/18 85

D.O.No.90 dated the 8th October 1917, from the Sub Assistant Engineer, Head Quarters Range, Bangalore, to the Superintending Engineer, Southern Circle, Bangalore.

As personally ordered by the Deputy Chief Engineer to me I herewith submit a brief report in connection with the arrangements made in connection with the shifting of the inmates of the Lunatic Asylum to Magady Camp.

As soon as the Government Order was received by about the 10th, requirements from the Superintendent Lunatic Asylum were obtained and the work was immediately put in hand and was completed by about the 25th of the last month which should be considered early enough taking into consideration the delay of 10 days caused in getting zinc sheets from Madras.

On the 24th of last month the Superintendent Lunatic Asylum inspected the arrangements made in the camp. As he found that the arrangements made as per his first requisition, were not enough he sent in a second requisition asking for some additional works which were put in hand immediately and will be completed by 15th of this month.

In the second requisition the Superintendent Lunatic Asylum wants four sheds to be constructed for accommodating the incurables shifted from the present sheds which are to be occupied by the female lunatics later on.

An estimate for all the items required by the Superintendent in his second requisition was got up and was taken to the Senior Surgeon for countersignature.

The Senior Surgeon said that the construction of four sheds for incurables has to be done by the Municipality and as

Encl 18

such he wanted an estimate to be prepared exclusive of provision for the construction of four sheds, which was prepared and got up countersigned.

The male lunatics were shifted from the Asylum on the 29th of the last month, and the female lunatics can be shifted by about the end of this week when the work will be completed.

No.7958 dated Bangalore, 8th October 1917.

Has the honour to submit copy of the above to the Chief Engineer of Mysore, for information, with reference to his No.690 dated the 5th October 1917. It will be seen from the above that all possible celerity is being observed in the execution of the work.

for J. Bhore
Superintending Engineer,
Southern Circle

H.R.R.

Ex 5418 37

Letter No.4806 dated the 25th September 1917 from the Executive Engineer, Bangalore Division, to the Chief Engineer of Mysore, Bangalore.

In continuation of this office letter No.4572 of the 17th instant I have the honour to state that the additions and alterations to the Epidemic Diseases Hospital at Bangalore have been completed. The Superintendent of the Lunatic Asylum and the Senior Surgeon in Mysore have been intimated of the fact.

"True Copy"

38

No. G. C. 318
Encls.

Office of the Senior Surgeon, Mysore Govt.

Dated, Bangalore, 9- 11- 1917

DIATE.
GEN. & REV. SECRETARIAT
L. FUND.
10 NOV 1917

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Secretary to the Government of

H. H. the Maharaja of Mysore,

General Deptt., Bangalore.

Sir,

With reference to Government Order No. 1521-6/Med.43-17, dated, 7th September 1917, ordering the removal of the lunatics from the asylum to the Contact Sheds in the Magadi Road, I have the honor to state that the accommodation at the Contact Camp having been only partially completed , the transfer thereto, of the Indian Male Lunatics alone was taken up on the 29th and completed on the 30th September.

The Indian Female Lunatics and the European Lunatics could not be shifted for want of accommodation and these were inoculated against cholera, as also the Indian Males removed to the camp, twice over.

The Indian Male Lunatics may now be safely brought back to the asylum and the Contact Camp handed over to the Municipality. I request that this may kindly be sanctioned.

In this connection I beg to report that some of the existing trained staff had to be deputed for duty at the camp and temporary new hands nad to be entertained to meet the special requirements necessitated by the unusual situation. The total extra cost involved in the transfer will be ascertained and sanction thereto applied for pointing out the source also, when the retransfer of the Indian Male Lunatics is completed.

In

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

General Deptt.,

Bangalore.

Dated 9.11.1917.

No. G.C. 318-

Encls. 3

M. & REV. SEC.
10 NOV 1917

Subject.

Requesting sanction for bringing back the Indian male Lunatics to the Asylums from the contact Camps and for payment of the bills & the pay of the additional Temporary hands employed

In the meanwhile the enclosed bills amounting to Rs. 101-8-4 representing the pay of the additional temporary hands employed may kindly be sanctioned to enable the pay of the hands being disbursed to them.

I have the honor to be,

Sir,

Your most obedient servant,

Senior Surgeon.

supplemental pay bill of additional temporary Establishment of the Lunatic asylum, Bangalore, for the month of October 1917.

Name of section and of incumbent	Name of post	Pay, acting and leave allowances claimed (separately)	Pay, acting or leave allowance held over for future payment	Fines	Net charge for (each section)
	Bill for the month of September 1917.				
Bapu Rao - temporary attendant at Rs 10/- permanent for 2 days from September 1917 on 29th & 30th.					a 10 8
Kasim Beg - Temporary attendant at Rs 10/- permanent for 1 day in September 1917 on 30th.					5 4
				Total	1 a a

Supplementary

Certified that sanction has been accorded by the Senior Surgeon vide his pro. C 911-17 dated 28.9.17, for the entertainment of necessary temporary Establishment.

Deduct undisbursed pay refunded as detailed on the reverse ...
Net sum required for payment ... ...
in words

(1) Certified that all salaries drawn on former Bills (with the exception of those detailed on the reverse, whereof the total has been refunded by deduction from this Bill) have been disbursed to the proper persons, and that the receipts have been taken in acquittance rolls filed in my office, with receipt stamp duly defaced for every payment in excess of Rs. 20.

(2) I certify on honor that I have satisfied myself that all officials permanently entertained and the insured officials who have received permanent increase to their pay, during the month, have duly submitted their proposal for the first and further insurance or failing insurance have contributed to the State Provident Fund as required by rules.

Contents Received

(3) Certified also that persons on pay less than Rs. 10, for whom pay has been drawn in this bill, have actually been entertained during the month.

Please pay the amount to attendant Kyedabone Wahab

Pay Rs.

Treasury Officer.

N. B.—The total of each section should be entered in red ink.

Bangalore
17-10-17.

Detail of pay of absentees refunded by deduction in this bill.

Section of establishment	Name	Period	Amount

"Certified that no person in superior service on this establishment has been absent either on deputation or suspension or with or without leave (except on casual leave), during the month of , and further that all appointments and promotions temporary and permanent, have been recorded in the Service Books of the persons concerned under my initials."

N. B.—When an absentee statement accompanies the bill, the words from " no person " to " further that " should be struck out.

Head of Office.

Space for Comptroller's use.

Major Head

Minor Head

Detailed Head

Total amount of bill Rs.

Admitted Rs.

Objected to Rs.

Disallowed Rs.

Total amount of bill Rs.

Auditor

Superintendent.

Reviewing Officer.

GP B—25,000—30-7-15

From 3rd. to 31st October 1917 | 10 | 10 4 9 5 8

7 NOV. 1917

Deduct undisbursed pay refunded as detailed on the reverse ...
Net sum required for payment 9 5 8

in words Rupees Nine annas five Pice Eight only

(1) Certified that all salaries drawn on former Bills (with the exception of those detailed on the reverse, whereof the total has been refunded by deduction from this Bill) have been disbursed to the proper persons, and that the receipts have been taken in acquittance rolls filed in my office, with receipt stamp duly defaced for every payment in excess of Rs. 20.

(2) I certify on honor that I have satisfied myself that all officials permanently entertained and the insured officials who have received permanent increase to their pay, during the month, have duly submitted their proposal for the first and further insurance or failing insurance have contributed to the State Provident Fund as required by rules.

(3) Certified also that persons on pay less than Rs. 10, for whom pay has been drawn in this bill, have actually been entertained during the month.

Pay Rs. Please pay the amount to Attendant Syed Abdul Wahab. Canteen Receiver

Treasury Officer.

N. B.--The total of each section should be entered in red ink.

6.11.17

Lance

Detail of pay of absentees refunded by deduction in this bill.

Section of establishment	Name	Period	Amount

"Certified that no person in superior service on this establishment has been absent either on deputation or suspension or with or without leave (except on casual leave), during the month of , and further that all appointments and promotions temporary and permanent, have been recorded in the Service Books of the persons concerned under my initials."

N. B.—When an absentee statement accompanies the bill, the words from " no person " to " further that " should be struck out.

Head of Office.

Space for Comptroller's use.

Major Head

Minor Head

Detailed Head

Total amount of bill Rs.

Admitted Rs.

Objected to Rs.

Disallowed Rs.

Total amount of bill Rs.

Auditor

Superintendent.

Reviewing Officer.

GP B—25,000—30-7-15

2 Detailed bill of advances to temporary establishment employed in Assam-Bengal for the month of October 91

Name of section and of incumbent	Name of post	Pay, acting and leave allowances claimed (separately)	Pay, acting or leave allowance held over for future payment	Fines	Net charge for each section
Chaukidars, attendants, bails (9)					
	at Rs 10/-	90		22 4 4	67 8
do Dhobi bails (1) at Rs 10/-		10			10
do Nepalmatchmen (2) at Rs 6/-		12		5 5 8	6 10 4
do Malestos (1) at Rs 10/-		10		2 9 4	7 8
Total		122		30 13 4	91 2 8

Rupees ninety one annas two pies Eight only

Certified that Sanction has been accorded by the Secretary Assam Government in his No. C 941-1 dated 28-9-11, for the entertainment of necessary temporary establishment.

Deduct undisbursed pay refunded as detailed on the reverse ...
Net sum required for payment ... ...
in words

(1) Certified that all salaries drawn on former bills (with the exception of those detailed on the reverse, whereof the total is been refunded by deduction from this bill) have been disbursed to the proper persons, and that the receipts have been taken in acquittance rolls filed in my office, with receipt stamp duly defaced for every payment in excess of Rs 20.

(2) I certify on honor that I have satisfied myself that all officials permanently entertained and the insured officials who have received permanent increase to their pay, during the month have duly submitted their proposal for the first and further insurance.

Contents Received.

(3) Certified also that all persons on pay less than Rs. 10 for whom pay has been drawn in this bill, have actually been entertained during the month.

Please pay the amounts to attendant Abdal Wahab.

A. R. Reid

Pay Rs.

Treasury Officer

Passed

&c

N.B.—The totals of each section should be entered in red ink.

G. R. S. VI—G/32]

SUBJECT: Proposals re transfer of the lunatics from the Contact Camp to the Lunatic Asylum

Diary No. of letter replied to 1168

Section med
File No. 43/17
Serial No. 26

GENERAL AND REVENUE SECRETARIAT,
(med)
, the 191

No. 2602 Med 43-17- dt 19.11.17

Date of issue 19.11.17.

To

Signed by Mr. B. D. Kesavadeyar

The Senior Surgeon

Sir

With reference to your letter No G C 318 dated 9th November 1917 proposing to get back the lunatics from the Magadi camp to the Asylum premises I am directed to enquire whether the Asylum premises have been thoroughly repaired and disinfected and are now safe for reoccupation

over.

64.

Information also may kindly be furnished as

~~and What expenditure has been~~

~~incurred for fitting up the Camp~~ & what Expenditure has been

incurred on account of contingencies,

additional temporary establishment etc

and ~~for~~ for fitting up the camp

by the PWD for the accommodation of the lunatics

I am also to request that

the ~~explanation~~ report of the Superintendent

in regard to the precautionary

measures etc adopted in the

Asylum called for in this Office

letter no 2195/Med 43-17-16 dated

12 th oct 1917 may be forwarded

without further delay.

I have etc

MK

19.11.17

List of enclosure

for chief Secretary to Govt

Copied by

Examined by

WD 86—GPB—60,000—15-11 16

No. G.C.38-15 Office of the Senior Surgeon, Mysore Govt., 45
Encls.
Dated, Bangalore, 4 - 12 - 1917

Crureech

D 1358

Med 4 3-17 5 126

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Chief Secretary to the Govt.,

of H. H. the Maharaja of Mysore,

General & Revenue Deptts., Bangalore.

Sir,

With reference to your letter No.2195-Med-43-17-16, dated 12th October 1917, I have the honor to forward herewith, copies of the undermentioned communications from the Superintendent, Lunatic Asylum, explaining what precautionary measures had been adopted by him, prior to the submission of the first information to this office and also why there was a delay in reporting the out-break to this office and to the Civil and Military Station authorities.

2. As regards the delay of 9 days in reporting the out-break to this office, Mr. Palpu, in his letter No.155, dated 5th September 1917 (Enclosure: 1) says that a report had been made out before the 2nd September 1917, but that its despatch was delayed on account of the clerk's absence. This statement, however, is not borne out by facts. As has already been reported in the enclosure to my letter No.176-2, dated 3rd September 1917, the first four attacks (all of which ended fatally) occurred on the 24th, 27th, 28th and 30th August 1917 respectively, and between the last date and the 2nd September morning there had been 8-attacks with 3 deaths, and it was only then that the Superintendent thought it necessary to report the fact to me demi-officially and to seek my advice. On receipt of

the

Orgeech

From The Senior Surgeon,
with the Govt. of Mysore,
Bangalore.

15 DEC 1917

To The Chief Secy: to Govt.
Genl & Rev: Depts
Bangalore

Dated

Despatched 4.12.17

Received

General No. G.C. 318.15
No.

Enclosure No.

Subject.

Forwarding copies of
Communication from
the Superintendent, Lunatic
Asylum explaining the
precautionary measures
adopted by him regarding
the outbreak of cholera
in the Asylum, with
Senior Surgeons remarks

the demi-official information on the 2nd September morning, I immediately proceeded to the Asylum and saw the seriousness of the situation and advised on the additional precautionary measures viz. the immediate despatch of all the attacked patients to the Epidemic Diseases Hospital for segregation and treatment, as no arrangement for segragation of such patients existed in the Asylum. I also ordered that samples of drinking water and food stuffs used by the lunatics should be sent for Bacteriological Examination and that an official report should be given to me ~~xfxxxxxbx-xxxxxxx~~ for submission to Government. On my visit to the Asylum, for the second time in the after-noon of the same day, the official report of the Superintendent was given to me and the same was submitted to Government with my letter No. A, dated 2nd September 1917, written from the Office of the Superintendent, Lunatic Asylum, Bangalore. If any official report had been got ready before the 2nd September, it could have been given to me at my first visit.

3. I am also not prepared to accept the truth of the statement, that samples of food stuffs and tap water had been sent to the Public Health Institute, before the receipt of my letter. In addition to the verbal instructions given by me in that behalf on the previous day, I sent official instructions in my No.741-2, dated 3rd September 1917. If the samples had been really sent before the receipt of my official letter, mention of the fact would have been made in the detailed report of the 3rd September 1917, sent by the Superintendent and forwarded to Government as an enclosure to my letter No.176-2, dated 3rd September 1917. From the statement of articles sent for Bacteriological Examination, furnished by the Superintendent, it is further seen that 5 samples of food stuffs and 12 samples of tap water were sent to the Public Health Institute on the 3rd and 4th September respectively. It is thus clear that the

the samples had been sent to the Public Health Institute, after the receipt of my letter, and not before.

4. In his letter No.285, dated 13th October 1917 (enclosure: 2), Mr. Palpu says that no report was made to the Civil & Military Station authorities, as it was not usual to send such reports and that reports had been duly sent to me.. As regards this, I may be permitted to say that the submission of reports to the authorities concerned, about extraordinary events of the nature under reference do not require any rubs, but every officer with a due sense of his duties and responsibilities is expected to take the initiative in such cases . Again, with the exception of the report, dated 3rd September 1917, in which a few names of the first few patients had been given, the other reports were mere daily returns, giving only the number of attacks and deaths, without any particulars whether the patients belonged to the State or to the Station. The Superintendent alone, as the officer in immediate charge of the institution, had accurate information as to the number of cases among lunatics belonging to the Civil & Military Station and should have sent a report to the Station authorities.

Encl to Reg Z

5. From his letter No.413, dated 30th November 1917 (enclosure: 3), it will beseen that all ordinary precautions had been taken by the Superintendent, prior to the date of submission of the first report to me. It has, however, to be noted that in the concluding portion of this letter he says that the despatch of the first report was delayed, as the clerk was otherwise engaged, while in his letter of the 5th September 1917, the delay is attributed to the clerk's absence.

6. The real fact is that Mr. Palpu was incapable of identifying the disease in the first few cases and was, apparently, satisfied with the "no Cholera Bacilli" report, received from the Public Health Institute, until the situation

situation became alarmingly serious, which could possibly have been prevented, if he had properly diagnosed the first few cases and taken immediate steps to segregate the patients and sought my advice earlier.

I have the honor to be,

Sir,

Your most obedient servant,

Senior Surgeon.

Enclosure No.1.

Letter No. 155, dated 5th September 1917, from the Superintendent, Lunatic Asylum, Bangalore, to the Senior Surgeon in Mysore, Bangalore.

"With reference to your No.741-2, dated 3-9-1917, I have the honor to state that, as personally explained to you on the 2nd instant, the first cases were not considered -to be of an epidemic nature, deserving of any special report. Samples of evacuations of the first few cases were sent to the Public Health Institute, but the results were "nil". When the disease was nevertheless assuming an epedemic type, a report was made out, but its despatch happened to be delayed, as the clerk was absent.

On the 2nd, the facts were reported to you demi-officially and officially and your advice sought.

Samples of water, milk and other articles in use were sent to the Public Health Institute for examination, before the receipt of your letter and the result is awaited.

xx xx xx xx xx

The patients have all been removed to the Epidemic Hospital in consultation with the Health Officer and the Sub Assistant Surgeon in charge Epidemic Diseases Hospital and daily reports are also being received and submitted to your office.

I beg to add that since yesterday morning there have been no fresh attacks."

Enclosure No. 2.

Letter No.285, dated 13th October 1917, from the Superintendent Lunatic Asylum, to the Senior Surgeon in Mysore

--

In reply to para 1 of your No. C 960-12, dated 12-10-1917, I have the honor to invite your kind attention to my letter

Enclosre No. 2 (Continued).

letter No.155, dated 5-9-1917.

In regard to para 2, I beg to state that no report was ever made from this asylum to the Civil & Military Station authorities in regard to the epidemic, as it has not been usual to send such reports to any of the official visitors of the Civil & Military Station or of the State. The only authority, to whom reports are sent is the Senior Surgeon to the Government and that Officer was duly informed of the epidemic, both officially and demi-officially.

In regard to para 3 of your letter, I beg to invite your attention to my No.279, dated 13-10-1917".

Enclosure No.3.

Letter No.413, dated 30th November 1917, from the Superintendent, Lunatic Asylum, Bangalore, to the Senior Surgeon in Mysore.

"With reference to your docket No. G.C.318-7, dated 27-11-1917, asking for a report as to what precautionary measures were taken, in connection with the late Epidemic of Cholera in this asylum, between the date of the first attack i.e., the 24th August 1917 and the date of the first information report i.e., the 2nd September 1917, I have the honor to state as follows:-

(1) The first patient was a weak, cripple Eurasian women She took ill on 24-8-1917 and dies on 26-8-1917. Her case was considered to be one of ordinary indigestion, occasionally seen among the weak patients in the asylum. No special precautionary measures were therefore taken, other than the isolation of the patient in her own room, the usual washing and cleaning of her person, clothes, mattresses, room &c., and the necessary treatment.

(2) The second and the third cases occurred on 27th and 28th respectively, in thefemale and male enclosures. The suddenness

57

Enclosure No. 3 (Continued).

suddenness of these attacks and the nature of the symptoms exhibited aroused suspicion, that the disease may be Cholera. It was, however, not possible to get samples of their evacuations to be sent for Bacteriological Examination The patients died on the 28th & 30th respectively, in spite of the treatment, and their intestinal contents collected during Post-mortem were sent to the Public Health Institute for examination and early report. But, the report received on the 31st on the sample from the second case, showed there were no cholera germs. The Public Health Institute was therefore requested to state, if any germs other than cholera, likely to produce the symptoms observed were found, and no reply was received to this communication

3. The report in regard to the sample from the third case was received only on the 4th September 1917, along with the report on the sample collected from the fourth ⁄ case sent on the 30th August 1917 and in both these cases no cholera germs were again reported.

4. As the disease however appeared from the symptoms exhibited to be cholera, special precautionary measures were adopted to prevent its spread, and these were

(a) Isolation of patients as far as possible from others and observation of contacts.

(b) Disinfection of floors and rooms concerned. Syatematic flushing and disinfection of drains, cisterns and latrines - filling up of an open cistern - burning of all infected clothes, mattresses, mats, cumblies &c.

(c) Protection of servants and other staff in attendance by disinfection of their hands and feet and other precautions.

(d) Diet. Tyre, butter, vegetables grown in the asylum and such vegetables as greens, pumpkins and sweet potatoes supplied from outside were completely stopped. Fish which was being regularly issued before, once a week, in placeof mutton, in the

case

52

Enclosure No. 3 (Continued).

of European patients, and daily to three Europeans as a special dietary treatment, was also stopped completely. The articles of rations issued, the kitchens, the utensils in use and the water were also specially seen to.

(e) Introduction of food by relations or friends of inmates, as well as the admission of visitors from outside was stopped completely.

(f) Lunatic labour in connection with conservancy and gardening was discontinued altogether and the inmates who were free were kept separately as far as possible, and prevented and mixing with contacts or having anything to do with drains, cisterns &c.,

(5) In this connection, I beg also to invite your attention to my report No.135, dated 3-9-1917 and to state that an official communication in regard to the out-break drafted on the 31st became delayed in despatch as the Clerk was otherwise engaged, and the first report had therefore to be made to you demi-officially on the 2nd as it was a Sunday.

" C o p i e s "

Senior Surgeon.

Ongeeth

No. G.C.318-16
Encls. 4

Office of the Senior Surgeon, Mysore Govt.,
Dated, Bangalore, 4 - 12 -

53

From

Rajakarya Pravina
Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,
Senior Surgeon with the Government of
H. H. the Maharaja of Mysore, Bangalore.

D/135
med 43-17 Sl 27

To

The Chief Secretary to the
Government of H.H. the Maharaja of Mysore,
General & Revenue Deptts., Bangalore.

Sir,

With reference to your letter No. 2802-Med-43-17, dated the 19th October 1917, I have the honor to state that the premises in question have been thoroughly disinfected and whitewashed and are safe for re-occupation by the Indian male lunatics, who besides, have been inoculated, twice over, against Cholera and may therefore be safely re-transferred and the contact sheds now occupied by them, may be handed over to the Municipal authorities, who seem to want them very badly.

2. As regards the expenditure incurred in this connection, I beg to forward herewith 3 statements, one showing the permanent staff detailed for duty at the Epidemic Diseases Hospital and Contact Camp, the second showing the additional temporary hands employed and the third showing the expenditure incurred on contingencies, in connection with the out-break of Cholera in the Lunatic Asylum.

3. It is necessary, perhaps, to explain that hands were required, both to attend on Cholera patients (male & female) transferred to the Epidemic Diseases Hospital, for treatment and for duty at the temporary camp, where the Indian male lunatics had been lodged, and that the hands

had

Copy

From

The Senior Surgeon,

with the Govt. of Mysore,

Bangalore.

To

The Chief Secy. to Govt.,

General & Revenue Deptts,

Bangalore.

Dated

Despatched 4.12.16

Received

General No. G.C 318.16

No.

Enclosure No. 4

Subject.

Stores that the Executive Asylum premises have been thoroughly disinfected and otherwise made & the Indian Male Lunatics may be re-transferred and requesting sanction for the expenditure incurred on the connection

had to take duty by turns. The dates on which the new hands were respectively employed are mentioned in statement II and it will be seen thatthey were employed not all at once, but as necessity arose.

4. Early sanction may kindly be accorded (1) to the additional temporary establishment on the rates of pay shown in the statement and (2) to the payment of extra allowances to the permanent staff at the rates proposed in Statement I, for the inconvenience and hardships entailed in camp duty. The additional hands, especially, will be put to great inconvenience for want of pay, which cannot be disbursed to them till sanction of Government is received.

5. The <u>total cost</u> on account of the several items referred to in your letter under reference works as under:-

Allowance to existing staff (till the end of December 1917)	Rs.	245- 4-10
Pay of additional establishment (till the end of December 1917)	"	370- 9- 3
Contingencies on cartage &c., ...	"	94-10- 0
-do- to be incurred for reshifting	"	100- 0- 0
Charges paid for analytical work by the King Institute	"	161- 7- 0
-do- by the Parel Laboratory ...	"	80- 0- 0
Charges for Cholera Vaccine supplied by the Central Research Institute, Kasauli	"	450- 0- 0
Cost of Police establishment for three months, as sanctioned by Government in No.2360-2-Med-43-17-20, dated 26-10-1917	"	534- 0- 0
Estimate for works carried out by the Public Works Department, as sanctioned in Public Works Secretary's letter No.~~2360-2-Med~~ 2377/11819, dated 2/5-11-1917 (Copy enclosed.)	"	13,050- 0- 0
	<u>Total Rs</u>	<u>15085- 15- 1</u>

5. The above statement is subject to reduction, in as much as the additional hands and the allowances, which are calculated for 3 months are liable to be discontinued on the re-transfer of the lunatics to the Asylum. The estimate of the Public Works Department includes cost of materials, such as posts, corrugated iron sheets and the like, that could be taken away by the Department and used or sold (perhaps for a higher value) when the arrangements are no longer required by this Department.

6. The

6. The Superintendent's explanation for the delay in submitting the 1st information to this office and to the Civil & Military Station authorities has been separately submitted to Government with my letter No. G.C. 48-45 dated 4 12/17

PWD NOT

I have the honor to be,

Sir,

Your most obedient servant,

J. C. Macnaughten

Senior Surgeon.

Statement I

Details of the Staff deputed for duty at the Contach Camps.

Particulars	Present pay & Allowance Rs	As	P	Allowance proposed Rs	As	P	Additional Charge from 29.9.1917 to the end of December 1917. Rs	As	P	Remarks.
Senior Sub Assistant Surgeon	70+15	=	-	5	-	-	15	5	4	
Clerk now Sergeant	30	-	-	5	-	-	15	5	4	
Compounder	10	-	-	2	-	-	6	2	1	
Attendants 3 at 10/- each	30	-	-	at Rs 2/- each			18	6	4	
-do- 10 at 8/- each	80	-	-	at Rs 2/- each			61	5	4	
-do- 4 at 7/- each	28	-	-	at Rs 2/- each			24	8	6	
Cook.	7	-	-	2	-	-	6	2	1	
Male Dhobies 4 at 8, 7, 6	28	-	-	at Rs 2/- each			24	8	6	
Night Watchmen - 5 at 5 each	25	-	-	at Rs 2/- each			30	10	8	
Temporary Attendants 2 at 6 each	12	-	-	at Rs 2/- each			12	4	3	
Weaver	10	-	-	2	-	-	6	2	1	
Gardiner	8	-	-	2	-	-	6	2	1	
Brahmin Cook	10	-	-	2	-	-	6	2	1	
Barber	8	-	-	2	-	-	6	2	1	
Tailor	8	-	-	2	-	-	6	2	1	
				Total Rs.			245	4	10	

Bangalore,
Dated 30th November 1917

Senior Surgeon,
Mysore Gorh.

Details of additional temporary establishment employed for working at the Contact Camps.

Particulars		Pay.
		to end of December 17
One temporary attendant on Rs: 10/- per mensem with effect from	20.9.17	Rs: 30.10.8
—— do ——	30.9.17	30.5.4
—— do ——	2.10.17	29.10.10
—— do ——	5.10.17	28.11.4
—— do ——	9.10.17	27.6.8
—— do ——	15.10.17	25.7.9
—— do ——	1.11.17	20.0.0
do ——	1.11.17	20.0.0
One temporary Ward Coy on Rs: 10/- with effect from	1.10.17	30.0.0
One temporary Night watchman on Rs 6/- —do—	1.10.17	18.0.0
One temporary Dhoby on Rs: 10/— —do—	9.10.17	27.11.10
One —— do — female Cook on Rs: 10/- —do—	3.10.17	29.5.8
Two — do — female Attendants on Rs: 7/- each —do—	7.9.17	53.3.2
(Deserted to C.D. Hospital to look after female patients)		370.9.3.

W Cunningham
Senior Surgeon.

Statement III

Statement showing the Contingent expenditure incurred in shifting the Indian Native Lunatics to the Nagasi Road Camp

Particulars	Amount
Cart-hire and Jutka hire &c., in removing the Lunatics, articles of furniture, utensils &c	Rs: 94-10-0
Probable cost to be incurred for the Shifting	" :100-0-0
Total	Rs: 194-10-0

Assistant Surgeon.
Senior Surgeon.

Docket No. 2377/11819, dated 2/5-11-1917, from the Secretary to Government, Public Works Department- Camp Mysore, to the Superintending Engineer, Southern Circle.

"With reference to correspondence ending with the Superintending Engineer's No.7958, dated the 8th October 1917, has the honor to forward herewith the estimate for certain additions and alterations to the Health Camp on the Magadi Road, received from the Executive Engineer, Bangalore, duly sanctioned by Government for Rs.13,050, as modified in this office."

Sd. R.V. Sundaram Iyer,
Under Secretary to Government,
Public Works Department.

"C o p y"

Senior Surgeon.

G..R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT

( )

, the *191* .

Date of issue.....21.12.17.

Signed by..~~M.B.T. Kusara~~ C.S. Balasundara Rp

1 Copy

Section

File No.

Serial No.

No. 3375

med 43-17-

9.21.12.17.

~~To~~

Dear Sir

In forwarding a

Copy of the D.O of

to the Senior Surgeon requesting

him to take early action for

~~planning~~ the removal of the

~~temporary structures recently~~

from

~~put up~~ at the Magadi Camp

I am desired to request

that necessary instructions

~~arrangement~~

issued for

may be ~~made~~ to remove the

temporary structures recently put up by the D.R.O

~~enclosure etc on hearing from the~~

over.

~~ayu~~ consulting the Senior Surgeon

Yours Sincerely

MB

WJR

The Chief Engineer by

G. R. S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

11 12 17.

Dby mr ~~S.P. Hume~~ C.S. Balgnies dan 3/-

3 Copys

3376 med 43-17.
9a1-12-17

To The Sr. Surgeon

Dear Sir,

With reference to correspondence ending with your letter No: 9.C. 318-16 dated 4th Dec^r 1917 forwarding a detailed report on the outbreak of Cholera in the Lunatic Asylum and soliciting Sanction to the removal of the Indian male lunatics back to the Asylum from the Camp on the Magadi road and to an Expenditure not exceeding Rs 615-14-1 in this Connection, I am desired to inform you that your proposals for the removal of the lunatics and to meet the Expenditure noted above are approved. Formal orders will issue in due course both in this matter as well as on your report

Rs 370-9-3 on account of additional temporary establishment at the Camp.

Rs 245-4-10 Allowance to the permanent staff deputed for duty at the Magadi camp

Rs 615-14-1

GPB—20,000—7-7-14

the explanation of

62

regarding the action taken by the
supdt during the outbreak

I am further to request you to take
very early action for the removal
of the lunatics and for placing the
camp at the disposal of the Resdt.
the D.P.W. being requested to remove
the temporary structures put up
by them

James Simms

ADM

Chief Secy

MK
19.12.1

To

(The Senior Surgeon by name)

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to .. ..

GENERAL AND REVENUE SECRETARIAT

( )

, the *191*

Date of issue.....21·12·17·

Signed by.....Un C·S·Be Commandant-Ger

1 Copy

Section

File No.

Serial No.

No. 3377

Med 43-17 9/12/17

~~To~~

Dear Sir

I forwarding a copy of the DO dated ~~from~~ the Senior Surgeon ~~proceeding~~ authorizing to incur an expenditure not exceeding Rs 615-14-1 as detailed in the accompanying Statements I am desired to state that the expenditure may be admitted pending the issue of formal orders in the matter

Yours faithfully

20/12

(The competition by mail

No. G C. 318 24
Encls.

Office of the Senior Surgeon, Mysore Govt., 64

Dated, Bangalore, Dec. 21 1917 191

D 1531
Med 43-17 Sl 28

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

The Chief Secretary to Govt.,

B a n g a l o r e,

Sir,

Referring to your D. O. No. 3375/Med.43-17, dated 20th December 1917, I have the honor to report that all the lunatics lodged in the Magadi Road Camp were removed back to the Asylum premises on the evening of the 23rd December 1917.

The Honorary President of the City Municipal Council Bangalore, and the Executive Engineer, Bangalore Division, have been written to as desired in your D. O.

I have the honor to be,

Sir,

Your most obedient servant,

Personal Assistant
For Senior Surgeon
(Absent from the station.)

From

The Senior Surgeon

with the Govt. of Mysore,

To -/ Bangalore

~~The~~ Chief Secretary

~~to~~ Government

Dated 31-12-17

Despatched

Received

General No. C. C. 318-29

No.

2 JAN 1918

Enclosure No. 1649

Subject.

Reporting that all the Lunatics lodged in the Magadi Camp were removed back to the Asylum on 23-12-17

Draft

65

Proceedings of the Government of H. H. the Maharaja of Mysore.

---oOo---

5-4-18.
Bldr Mr M. Venkatasubbaiya

R e a d:--

Correspondence ending with letter No. G. C. 318-16 dated 4th December 1917 from the Senior Surgeon forwarding a detailed report on the outbreak of an epidemic of cholera among the inmates of the Lunatic Asylum together with the communications from the Superintendent showing the precautionary measures taken by him to prevent the epidemic and also soliciting sanction to the shifting of the Indian male lunatics from the camp on the Magadi Road back to the Lunatic Asylum buildings as they have been thoroughly disinfected and made fit for re-occupation with safety, and to an expenditure of Rs. 615-14-1 as detailed in the accompanying statements on account of the temporary and permanent staff told off for duty at the camp where the lunatics were, in accordance with G.O. No. 1521-6/Med. 43-17 dated 7th September 1917, temporarily lodged for some time.

O r d e r No. 5000-3 Med 43-17-34

Dated Bangalore, the 4-4- 1918

The proposal to take the Indian - - male lunatics back to the Asylum is approved. The Contact Camp should be - - handed

handed over to the Municipality, the temporary structures newly put up for the occasion being removed by the P.W.D.

2. Sanction is also accorded to the payment of allowances at the rates shewn in Statement I to the permanent staff told off for duty at the camp and also to the employment of the additional staff at the rates and from the dates noted - - against them in Statement No. II.

3. The action taken by the Superintendent of the Asylum in connection with the outbreak of the epidemic calls for special notice. The Senior Surgeon considers that Mr. Palpu was incapable of identifying the disease in the first few cases and was apparently satisfied with the reports of negative results for Cholera Bacilli - - received from the Public Health Institute until the situation became alarmingly serious, which could possibly have been prevented if he had taken immediate steps the removal of the first few cases from the Asylum. The Senior Surgeon is also of opinion that the explanation of the - - Superintendent for the delay of nearly 9 days in sending the first information report is not borne out by facts while that for his omission to send intimation about this extraordinary ~~event~~ occurrence to the autho - rities of the Civil and Military Station is unsatisfactory.

Even

67

4. Even when arrangements for the - - immediate removal of the lunatics had been ordered by Government on 9th September 1917 their removal had to be delayed owing to the absence of definite requisitions to the P.W.D. which should have been communicated promptly after a due consideration of all the requirements once for all Government regret that the matter was handled by the Superintendent without a due sense of responsibility regarding the seriousness of the outbreak and consider the lack of promptitude and indifference displayed on the occasion as reprehensible. Government further observe that in the absence of a separate building within the Asylum premises - - - for a hospital or for isolation sufficient facilities do not exist to successfully meet similar exegencies promptly. The Senior Surgeon is therefore requested to send up suitable proposals to supply the want and rectify other defects if any.

5

Necessary instructions should also be issued to ensure prompt intimation of all extraordinary occurrences affecting or likely to affect the lunatics of the C & M Station in the Asylum to the official visitors of the Civil and Military Station.

Chief Secretary to Government.

The Senior Surgeon in Mysore.
" Comptroller, Mysore Government, with copies of Statements I & II.
" Chief Engineer of Mysore with the extract of Para 1.